

Appendix: 5G WIFI

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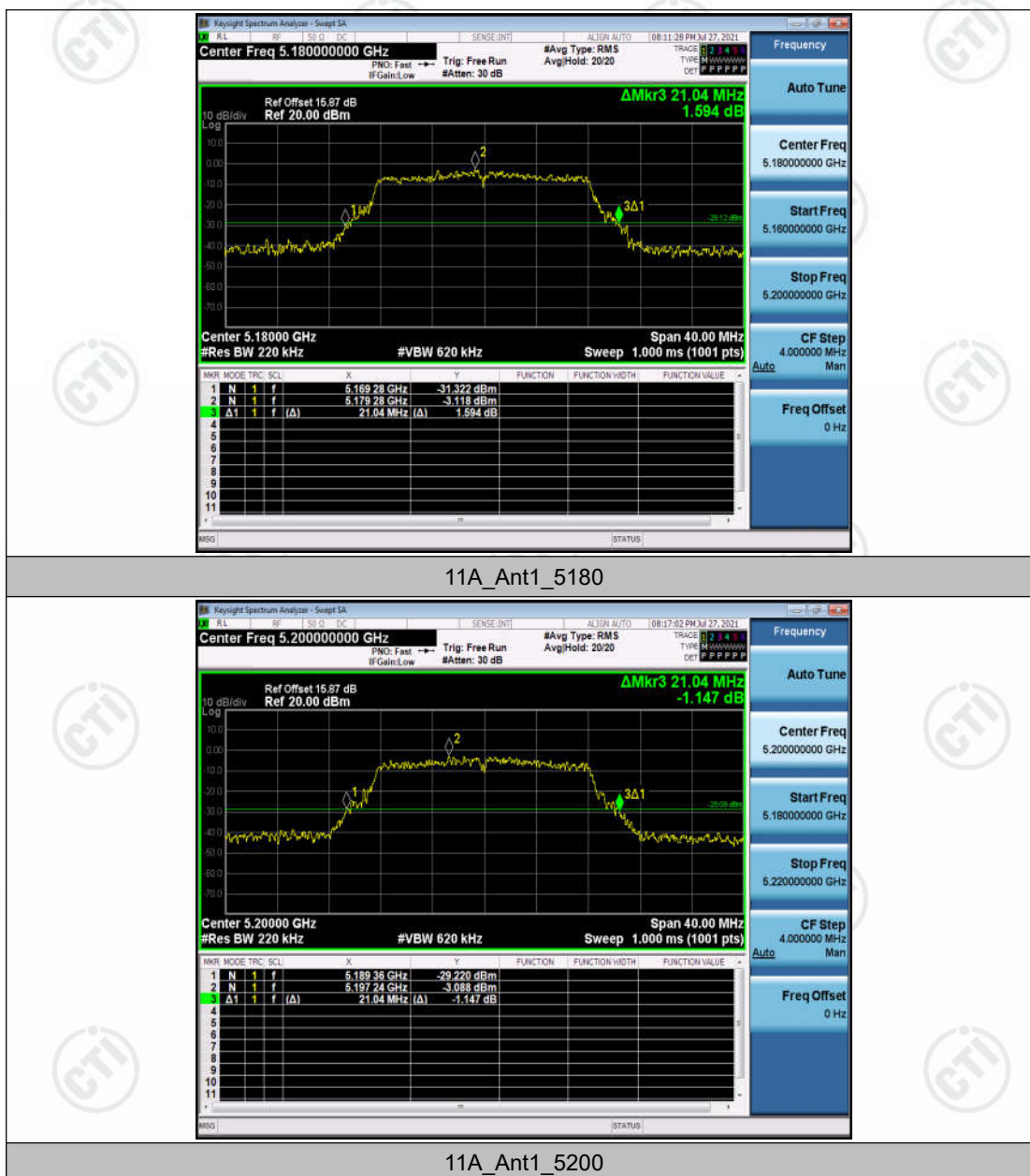
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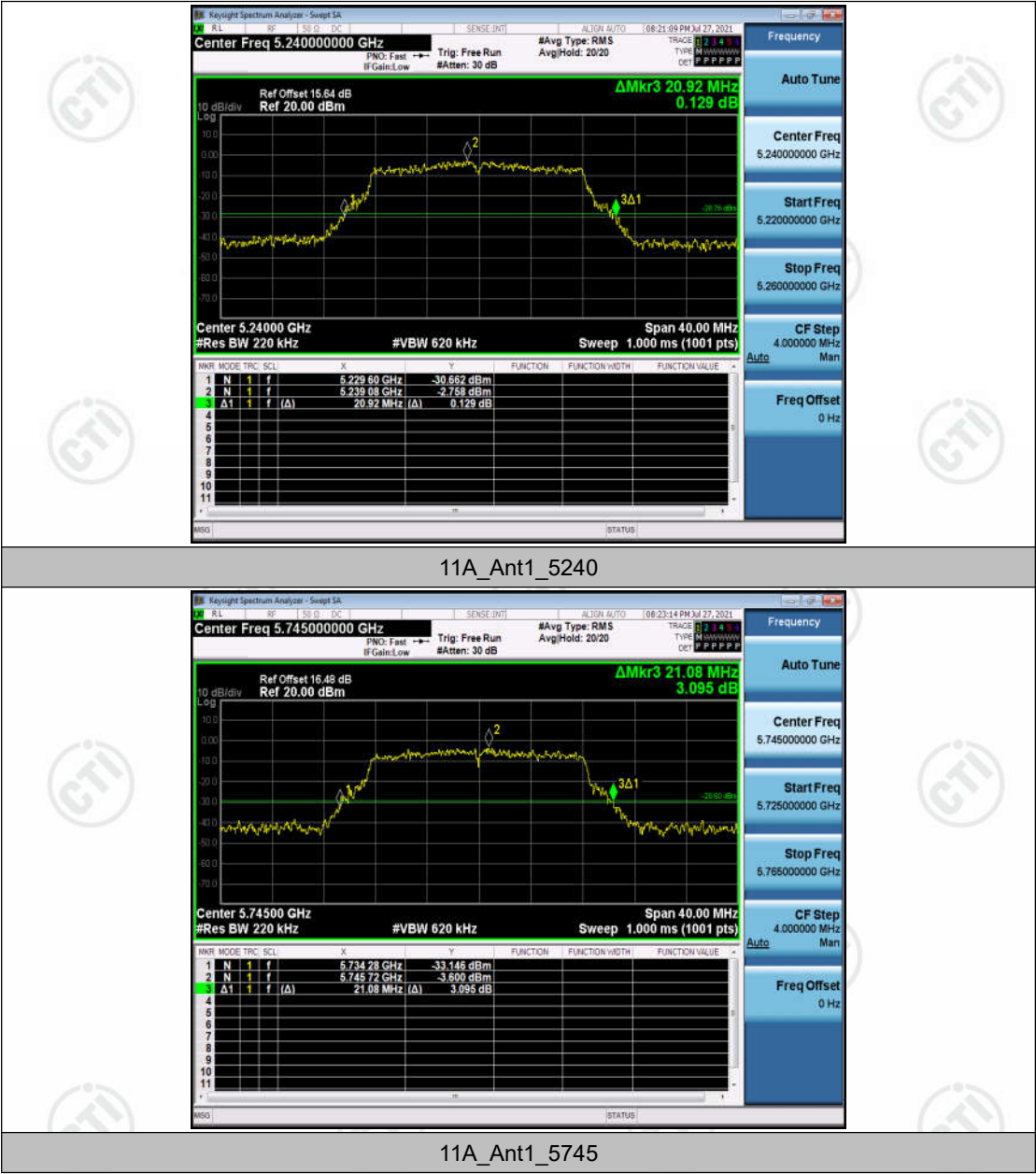
Appendix A1: Emission Bandwidth

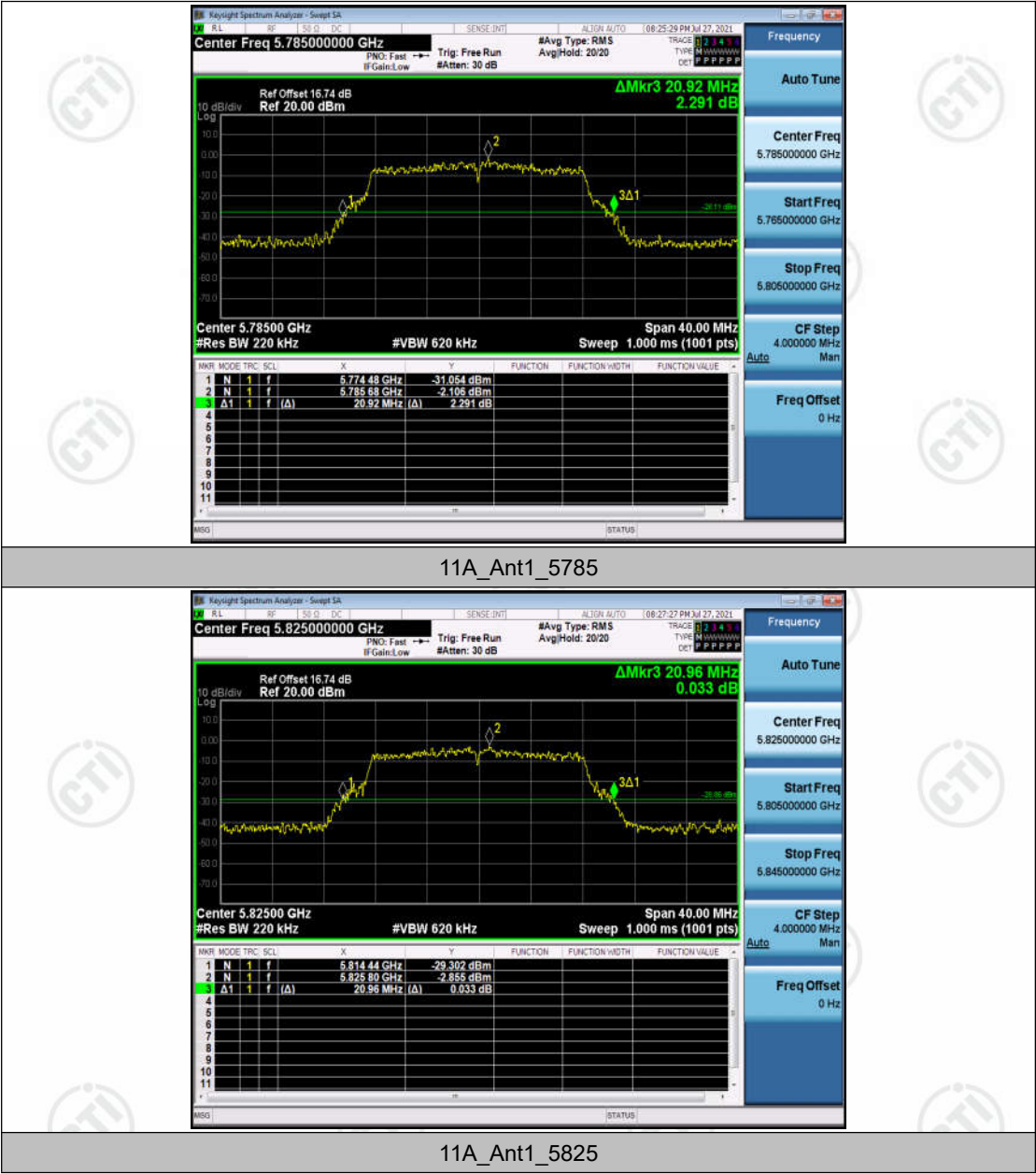
Test Result

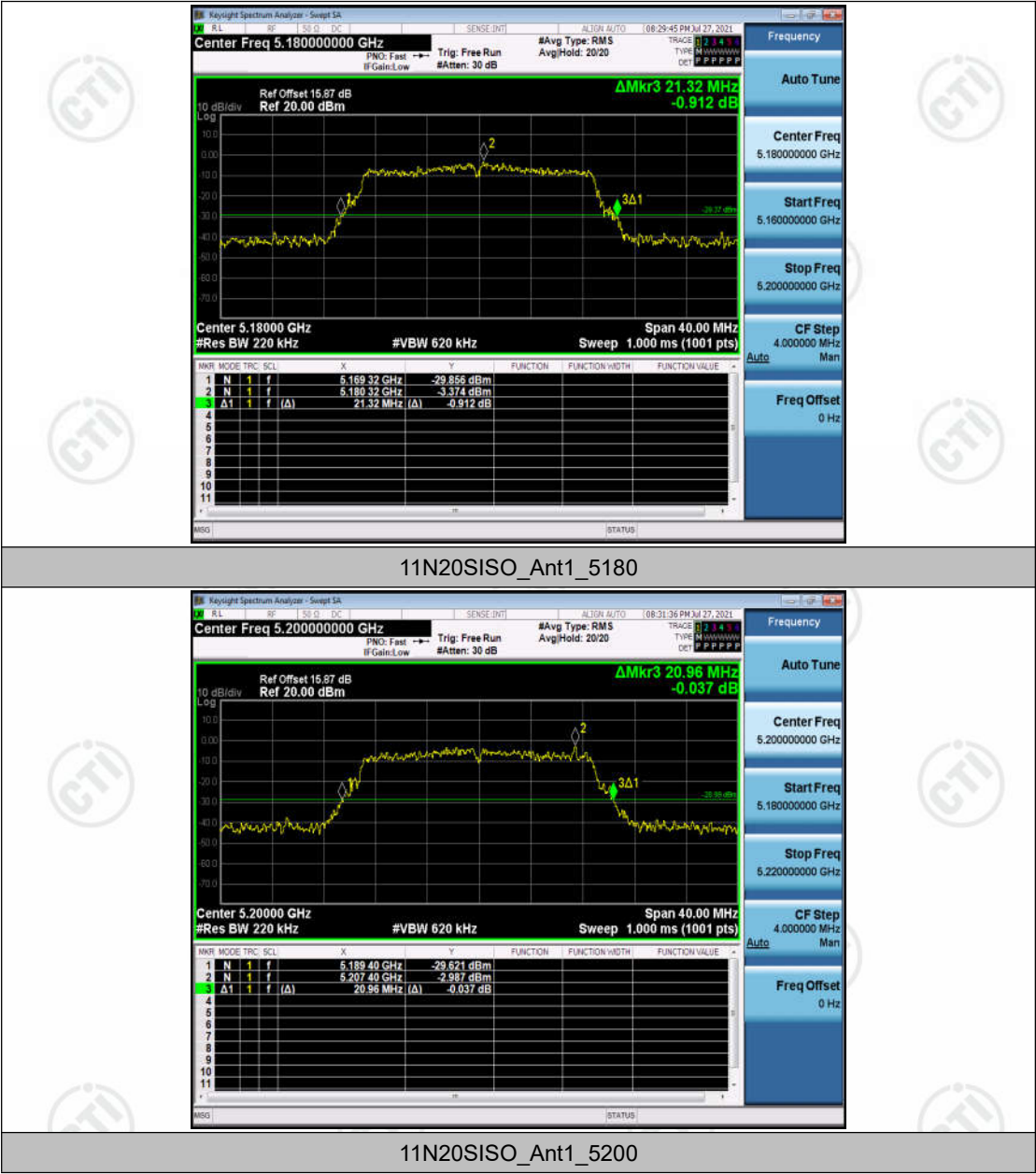
Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.040	5169.280	5190.320	---	PASS
		5200	21.040	5189.360	5210.400	---	PASS
		5240	20.920	5229.600	5250.520	---	PASS
		5745	21.080	5734.280	5755.360	---	PASS
		5785	20.920	5774.480	5795.400	---	PASS
		5825	20.960	5814.440	5835.400	---	PASS
11N20SISO	Ant1	5180	21.320	5169.320	5190.640	---	PASS
		5200	20.960	5189.400	5210.360	---	PASS
		5240	21.520	5229.040	5250.560	---	PASS
		5745	21.120	5734.440	5755.560	---	PASS
		5785	21.280	5774.440	5795.720	---	PASS
		5825	21.400	5814.280	5835.680	---	PASS
11N40SISO	Ant1	5190	39.280	5170.560	5209.840	---	PASS
		5230	39.440	5210.240	5249.680	---	PASS
		5755	39.520	5735.480	5775.000	---	PASS
		5795	39.280	5775.480	5814.760	---	PASS
11AC20SISO	Ant1	5180	21.000	5169.240	5190.240	---	PASS
		5200	20.920	5189.480	5210.400	---	PASS
		5240	21.320	5228.960	5250.280	---	PASS
		5745	21.120	5734.280	5755.400	---	PASS
		5785	21.240	5774.280	5795.520	---	PASS
		5825	21.160	5814.280	5835.440	---	PASS
11AC40SISO	Ant1	5190	39.840	5170.160	5210.000	---	PASS
		5230	39.600	5210.000	5249.600	---	PASS
		5755	39.120	5735.240	5774.360	---	PASS
		5795	39.200	5775.320	5814.520	---	PASS
11AC80SISO	Ant1	5210	80.800	5169.360	5250.160	---	PASS
		5775	80.800	5735.160	5815.960	---	PASS

Test Graphs







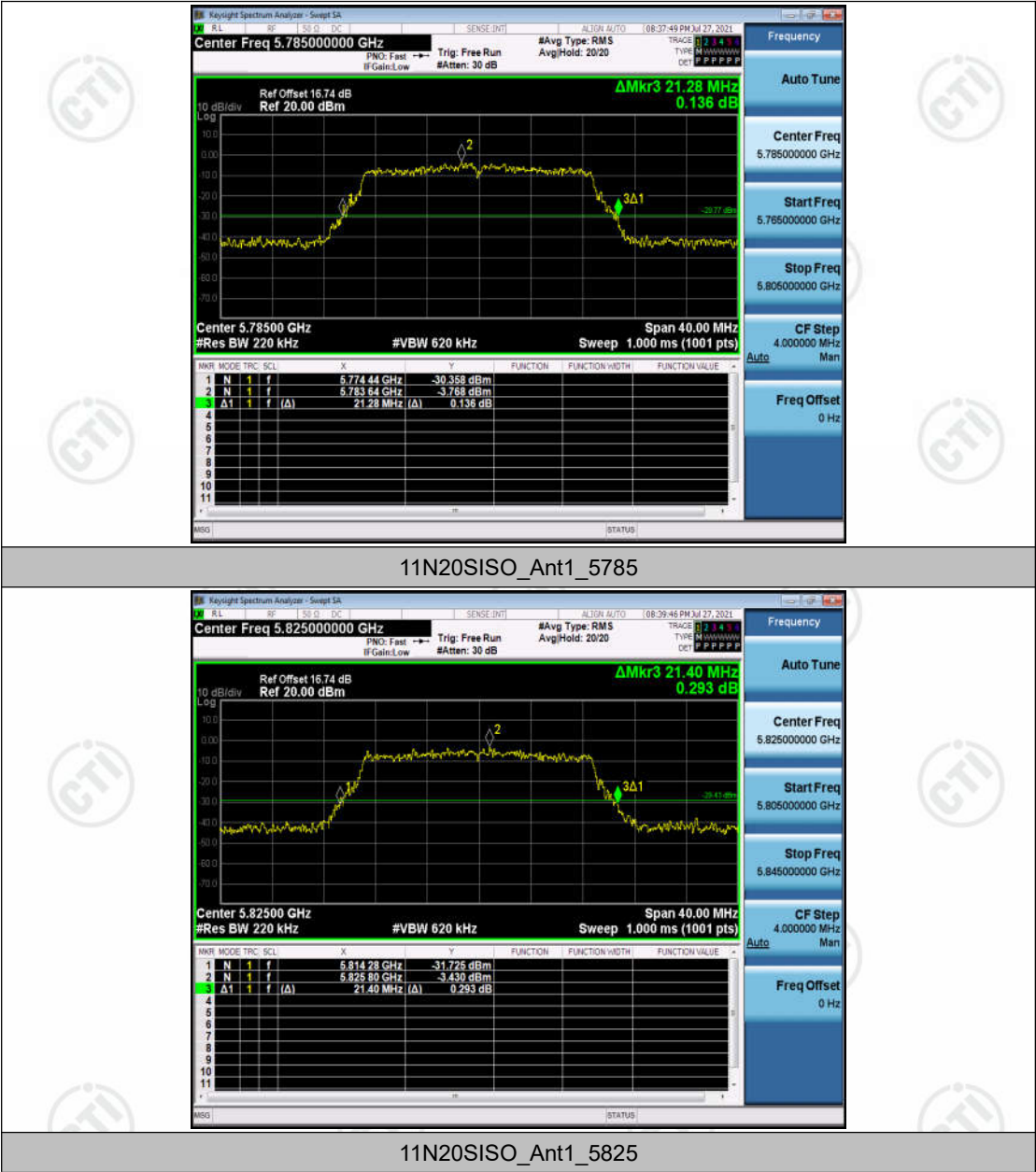




11N20SISO_Ant1_5240



11N20SISO_Ant1_5745

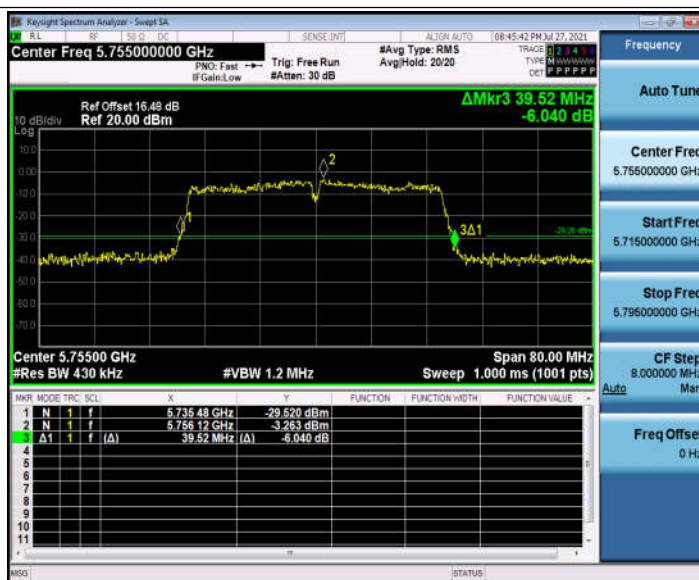




11N40SISO_Ant1_5190



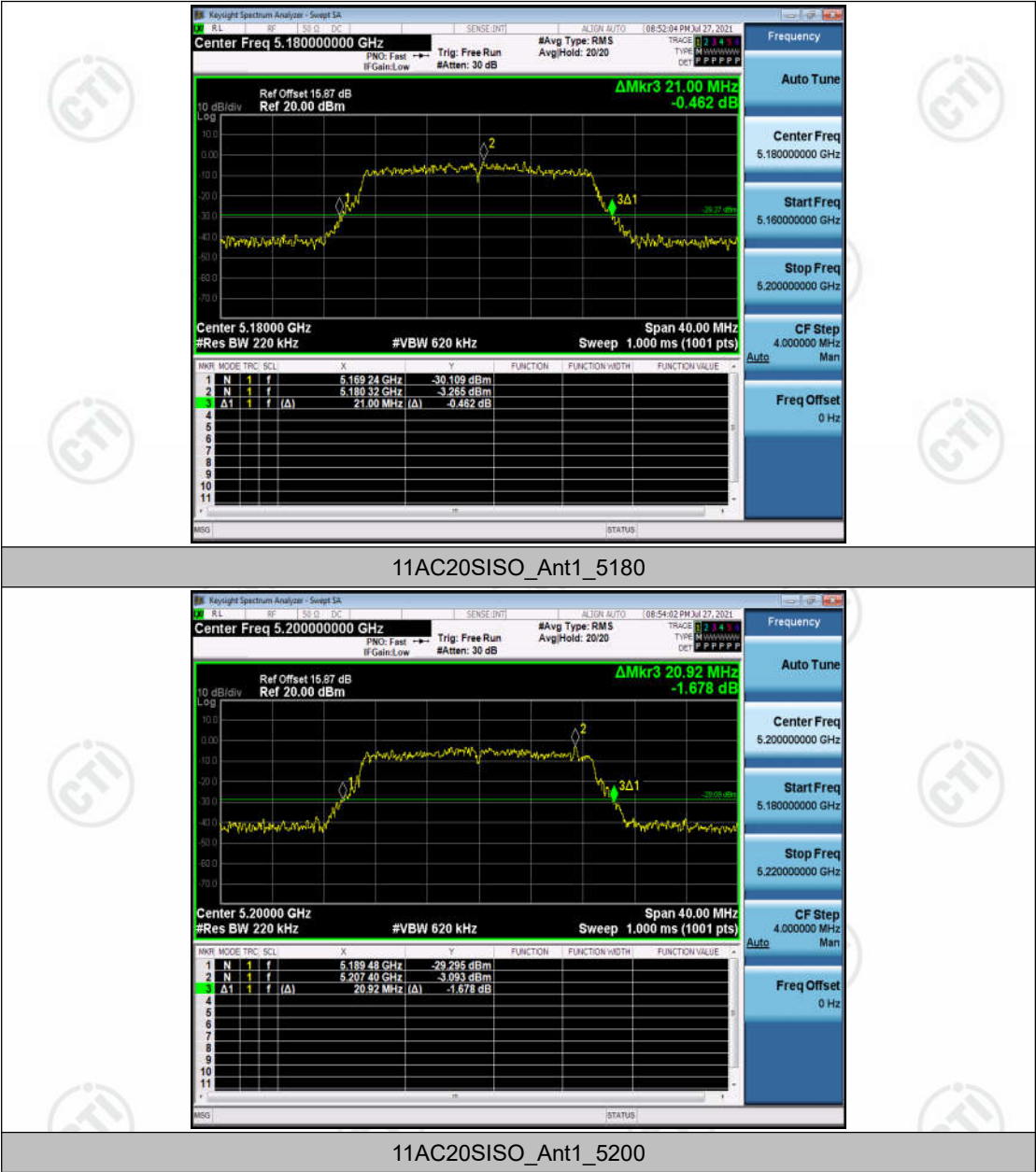
11N40SISO_Ant1_5230

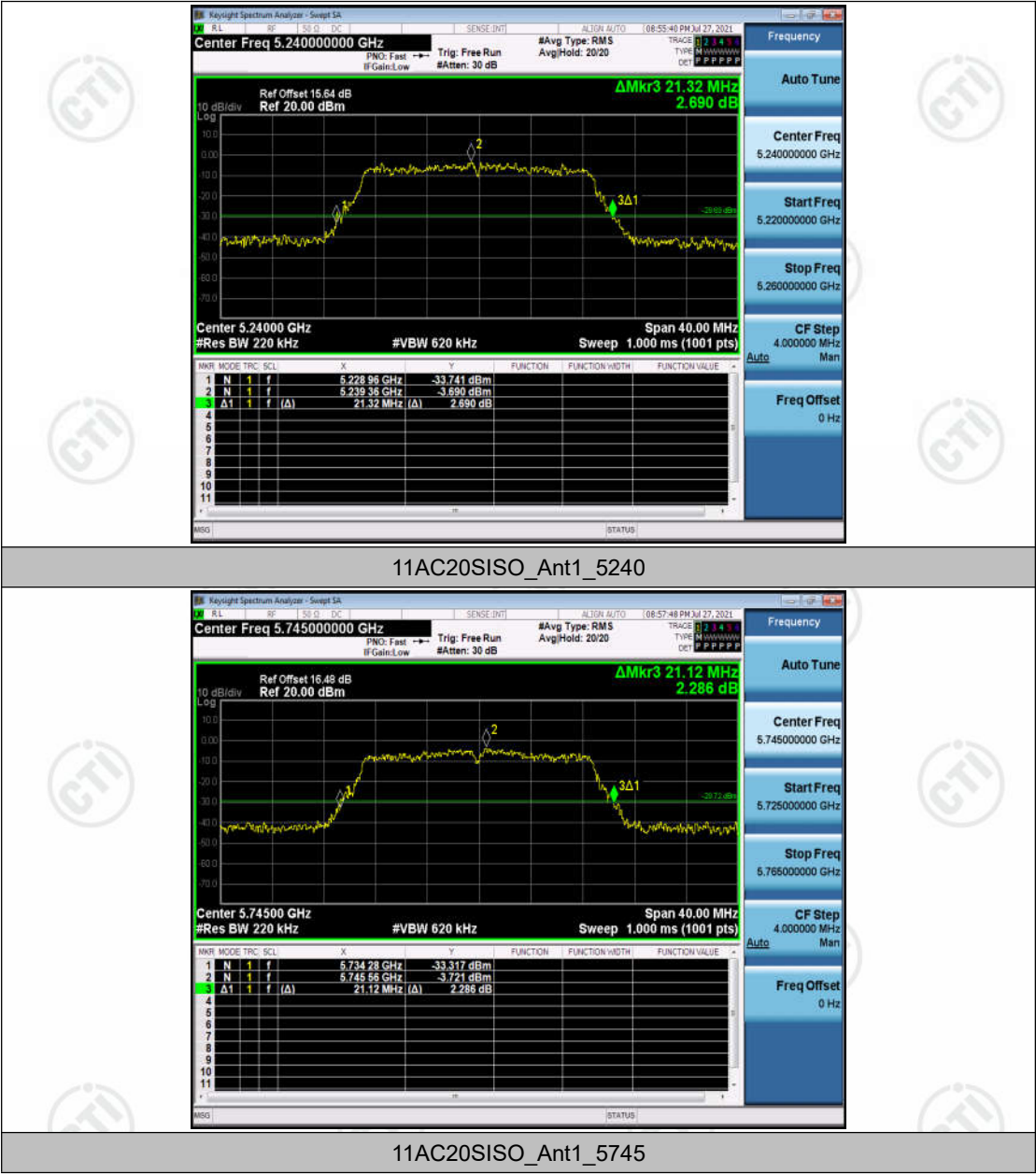


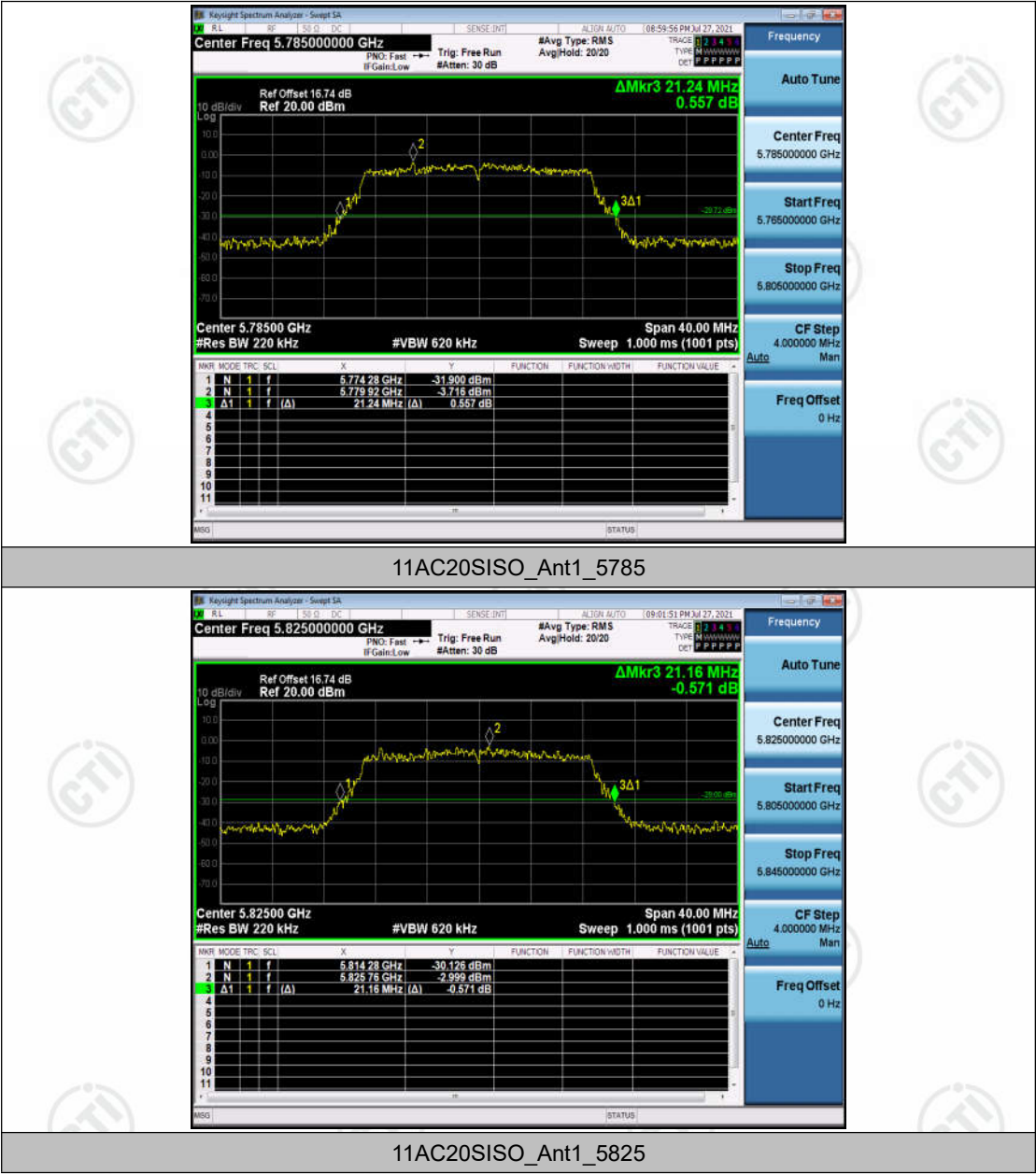
11N40SISO_Ant1_5755

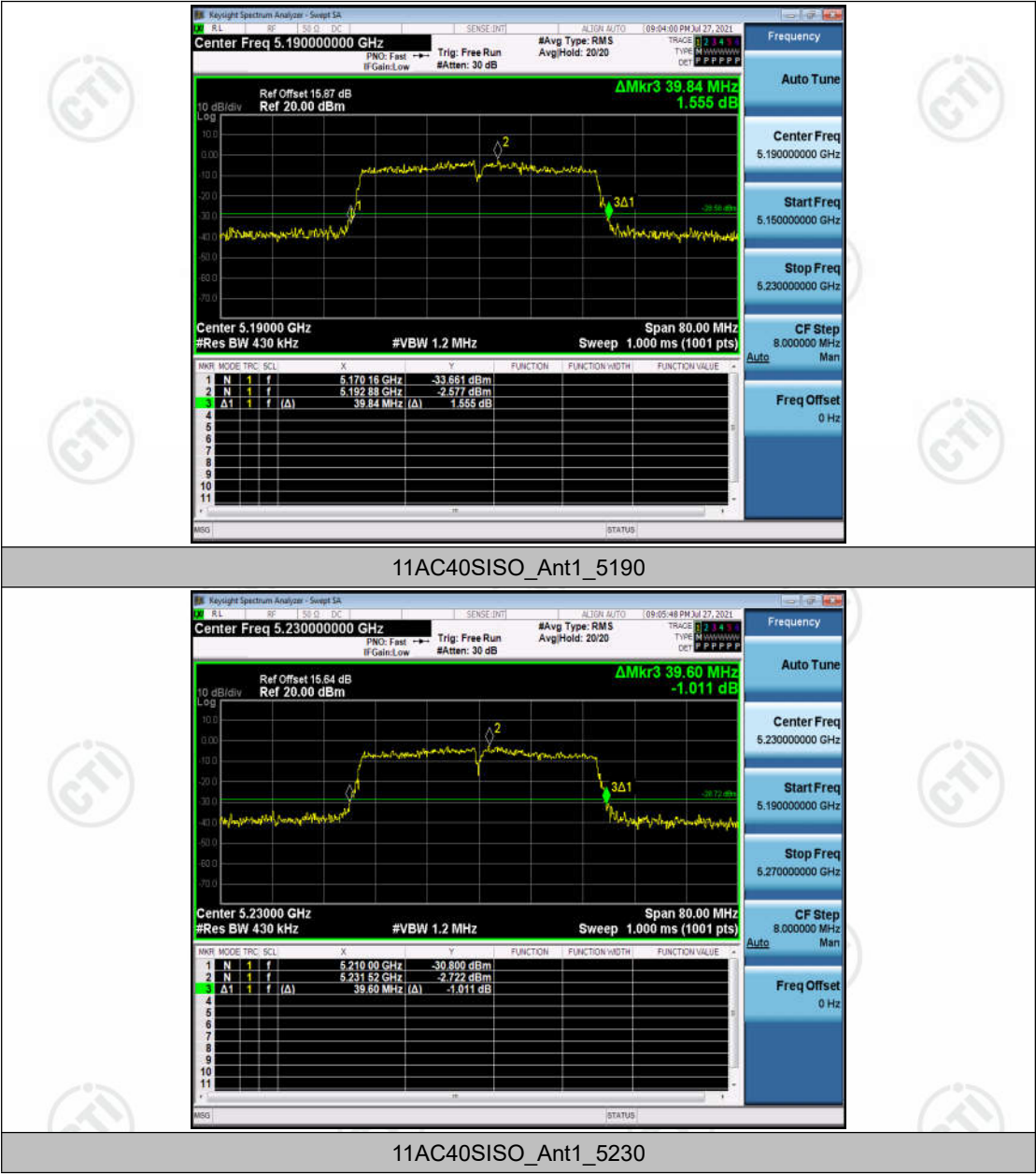


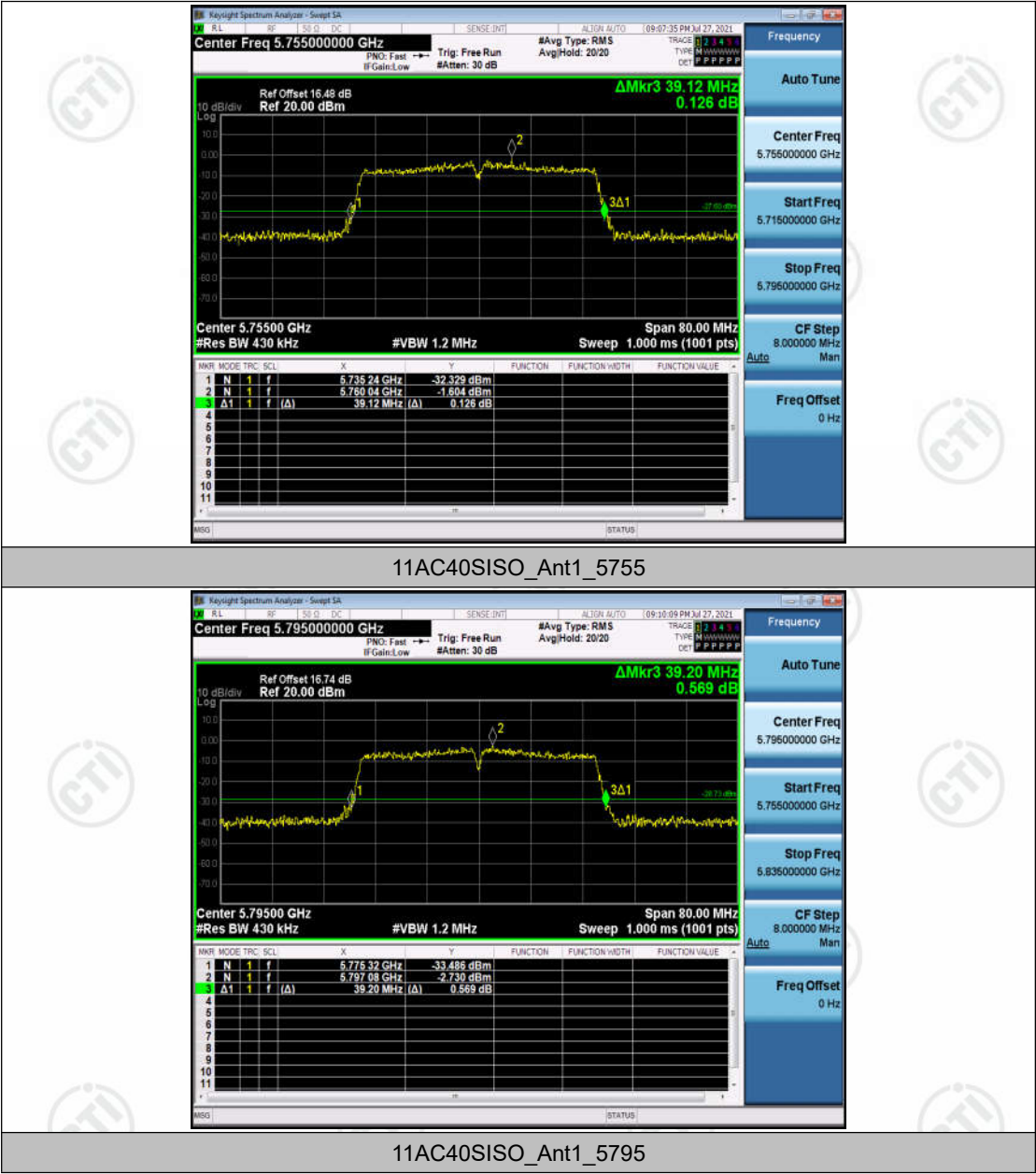
11N40SISO_Ant1_5795

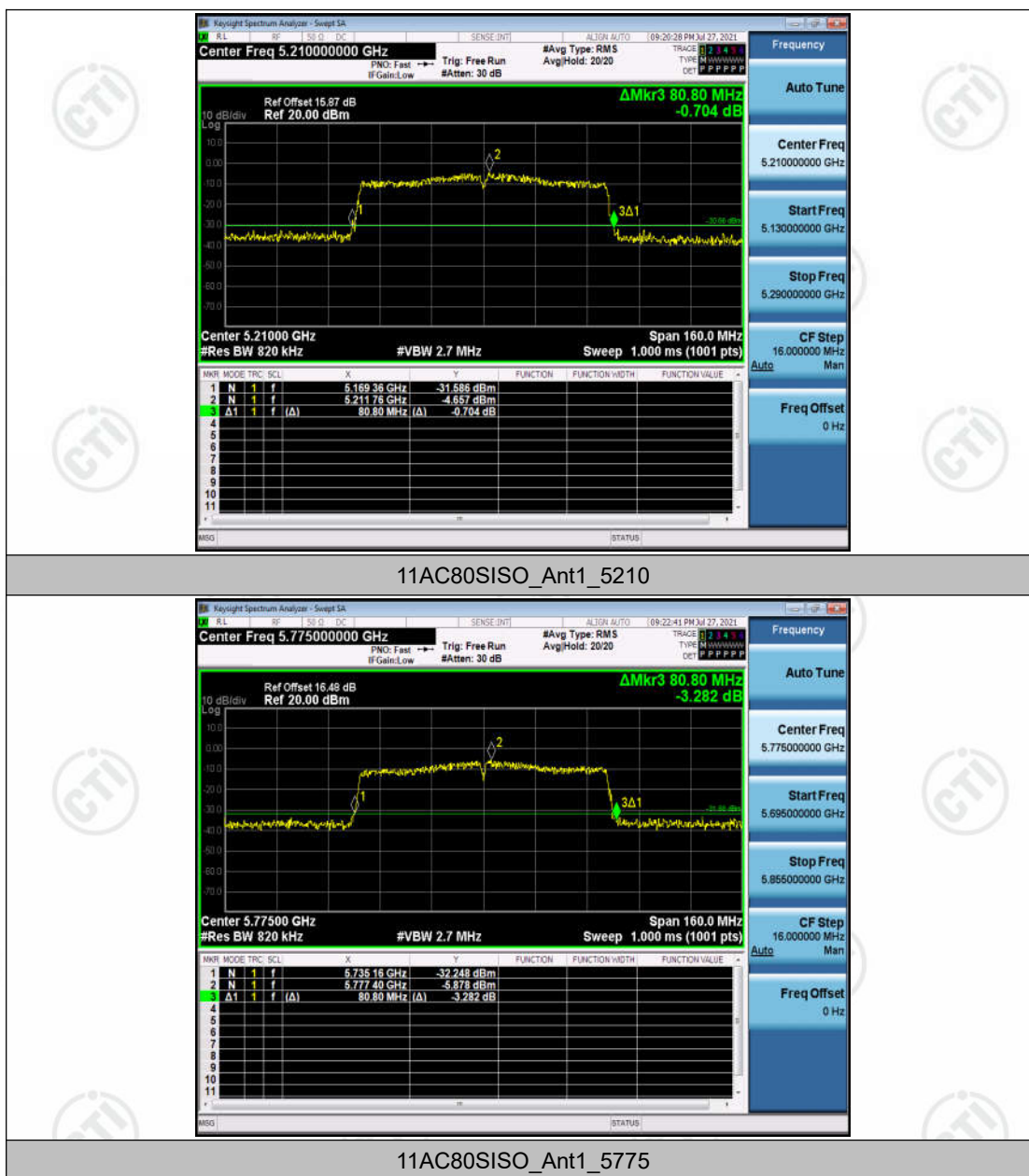










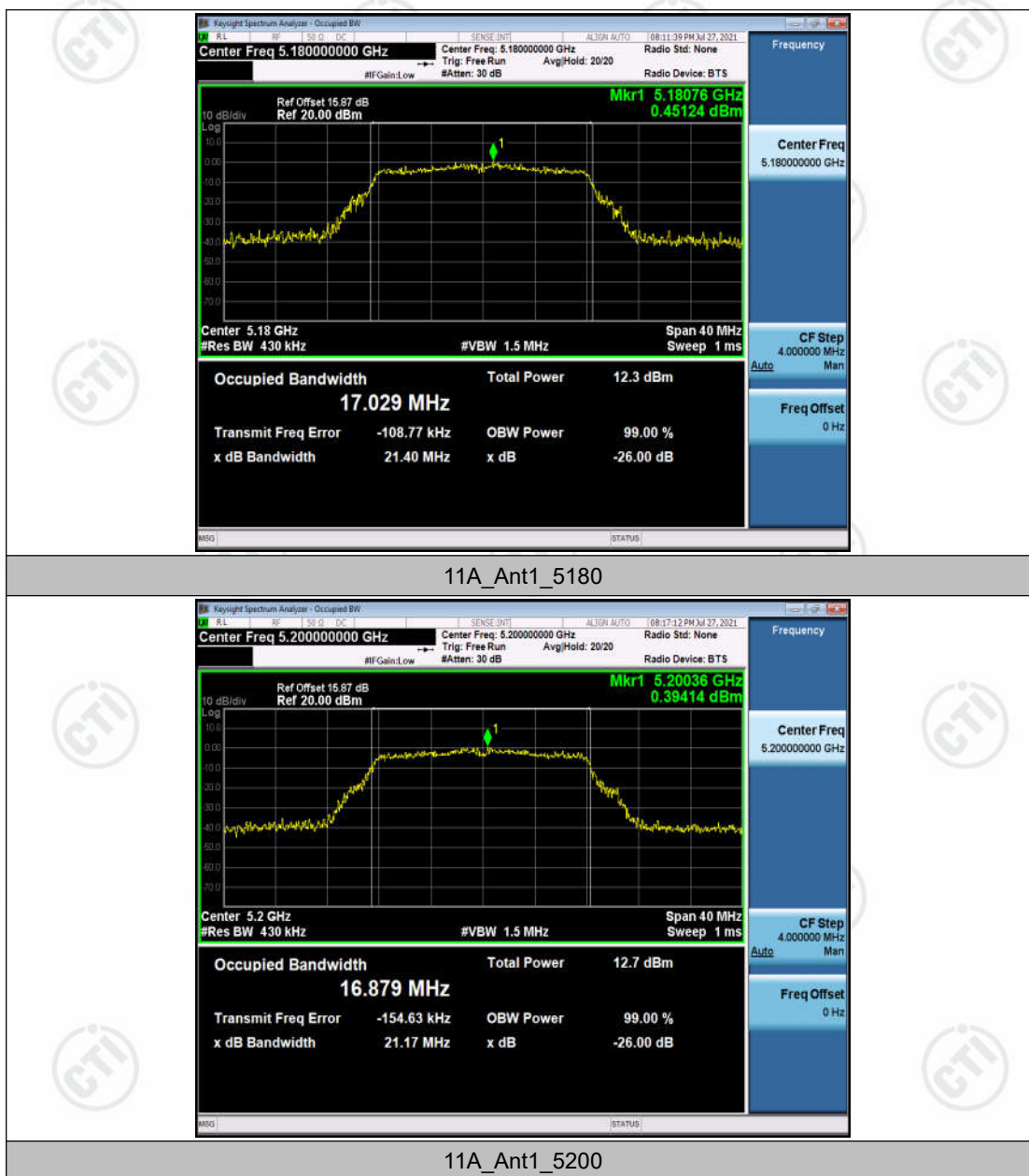


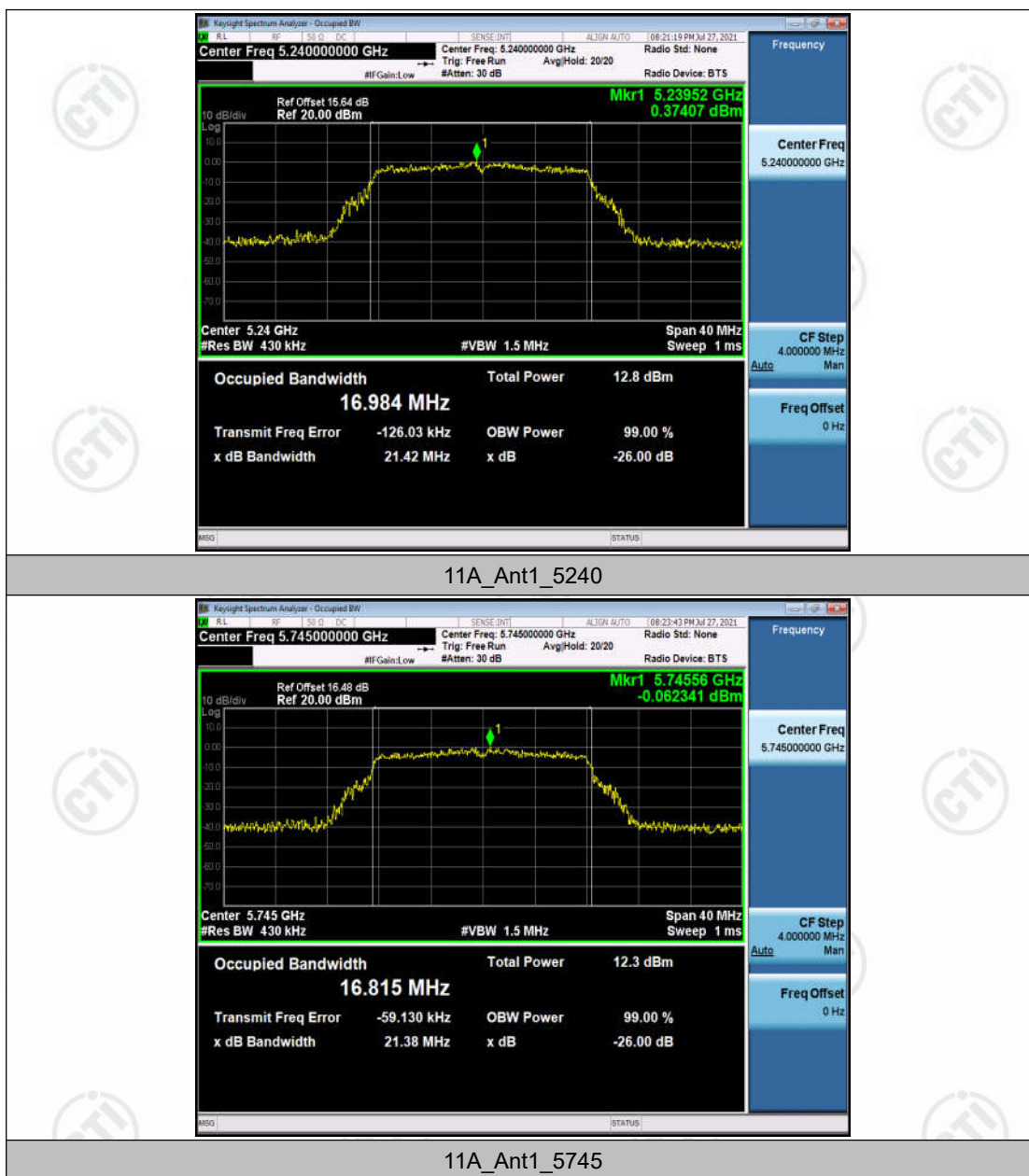
Appendix A2: Occupied channel bandwidth

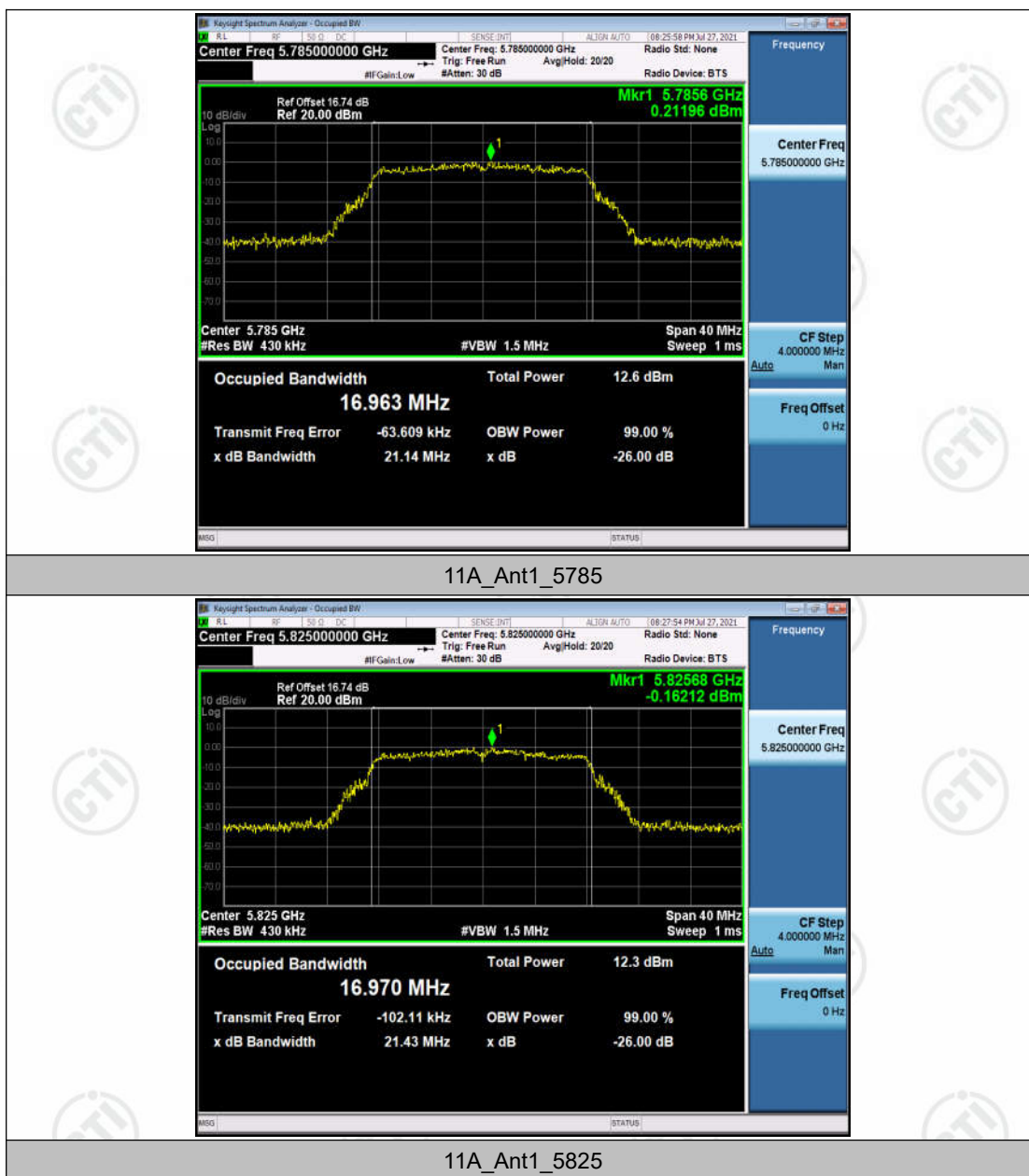
Test Result

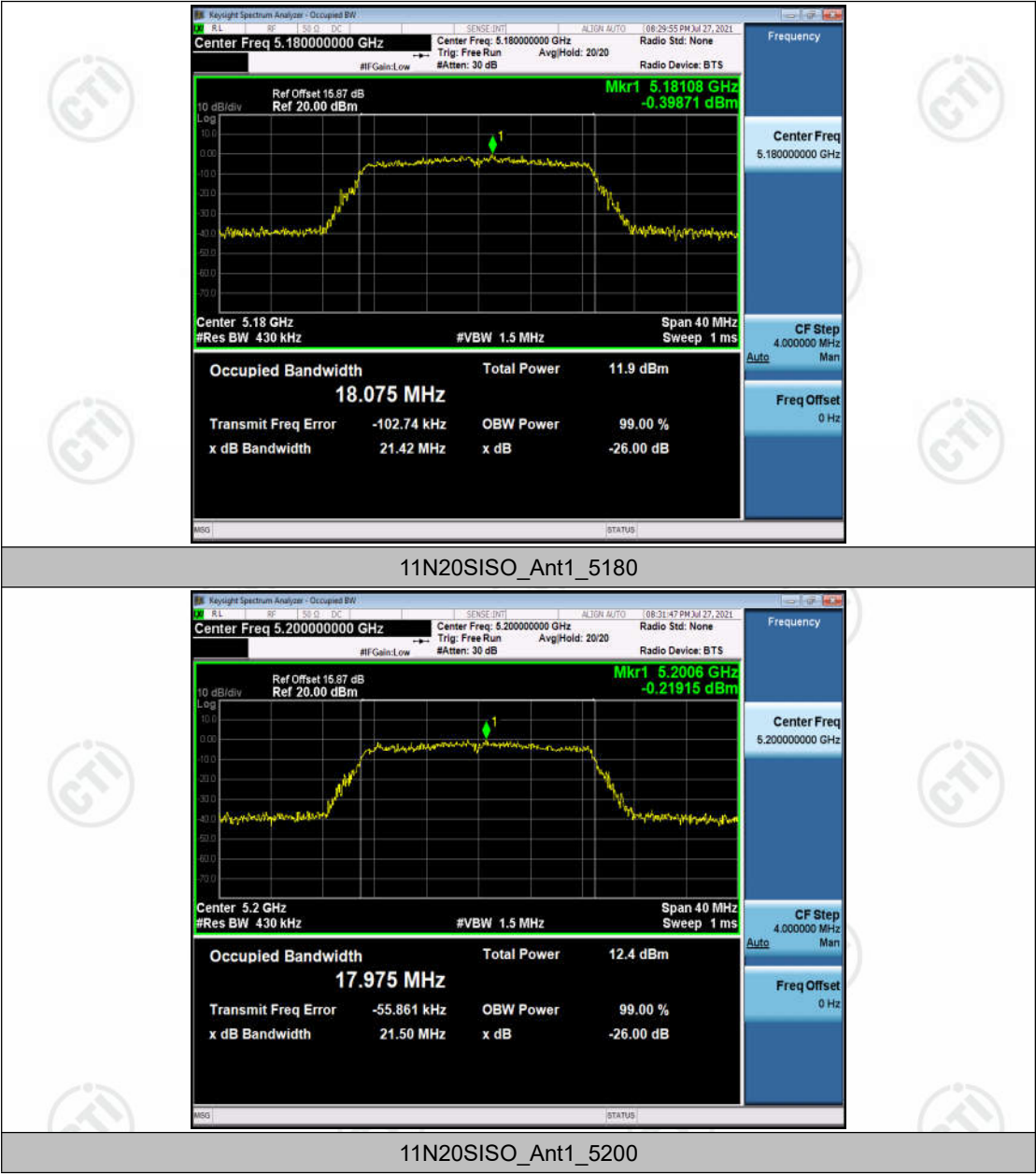
Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.029	5171.377	5188.406	---	PASS
		5200	16.879	5191.406	5208.285	---	PASS
		5240	16.984	5231.382	5248.366	---	PASS
		5745	16.815	5736.533	5753.348	---	PASS
		5785	16.963	5776.455	5793.418	---	PASS
		5825	16.970	5816.413	5833.383	---	PASS
11N20SISO	Ant1	5180	18.075	5170.860	5188.935	---	PASS
		5200	17.975	5190.957	5208.932	---	PASS
		5240	18.052	5230.865	5248.917	---	PASS
		5745	18.089	5735.872	5753.961	---	PASS
		5785	17.914	5775.940	5793.854	---	PASS
		5825	18.040	5815.872	5833.912	---	PASS
11N40SISO	Ant1	5190	36.401	5171.731	5208.132	---	PASS
		5230	36.251	5211.779	5248.030	---	PASS
		5755	36.226	5736.820	5773.046	---	PASS
		5795	36.292	5776.742	5813.034	---	PASS
11AC20SISO	Ant1	5180	18.032	5170.891	5188.923	---	PASS
		5200	18.047	5190.860	5208.907	---	PASS
		5240	17.976	5230.909	5248.885	---	PASS
		5745	18.072	5735.864	5753.936	---	PASS
		5785	18.056	5775.894	5793.950	---	PASS
		5825	18.081	5815.871	5833.952	---	PASS
11AC40SISO	Ant1	5190	36.299	5171.801	5208.100	---	PASS
		5230	36.387	5211.693	5248.080	---	PASS
		5755	36.303	5736.796	5773.099	---	PASS
		5795	36.281	5776.778	5813.059	---	PASS
11AC80SISO	Ant1	5210	75.794	5172.083	5247.877	---	PASS
		5775	75.855	5737.145	5813.000	---	PASS

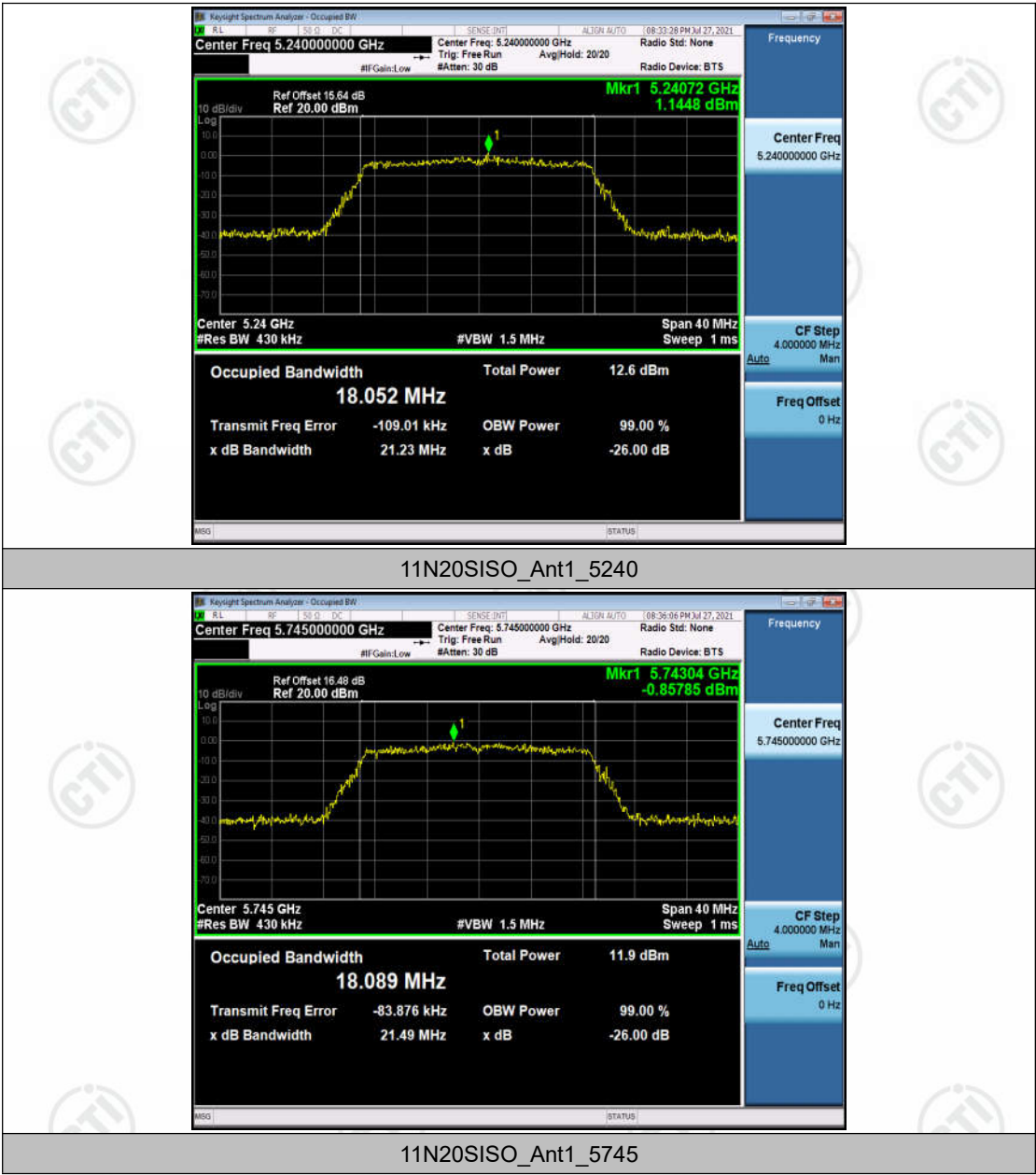
Test Graphs

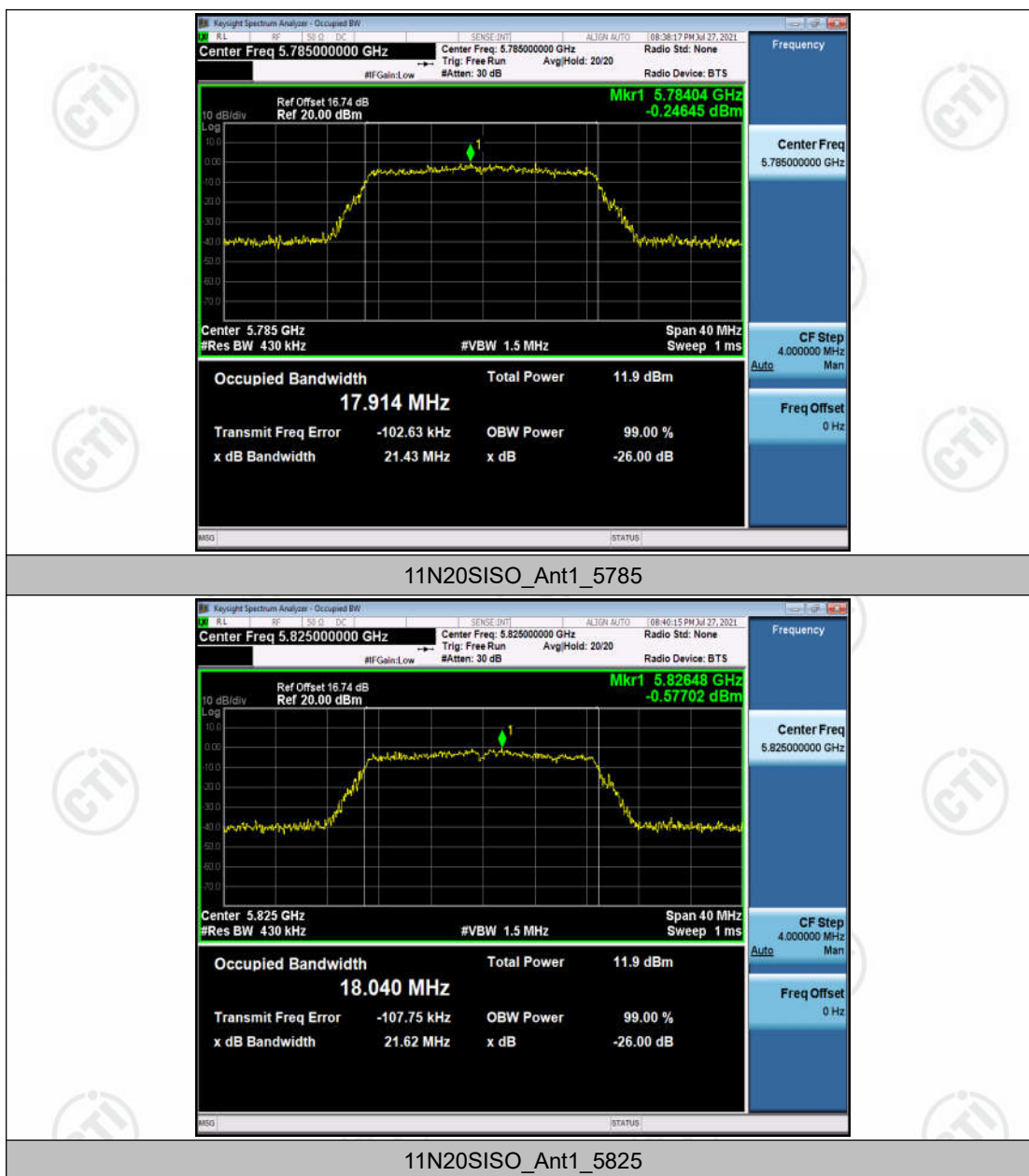


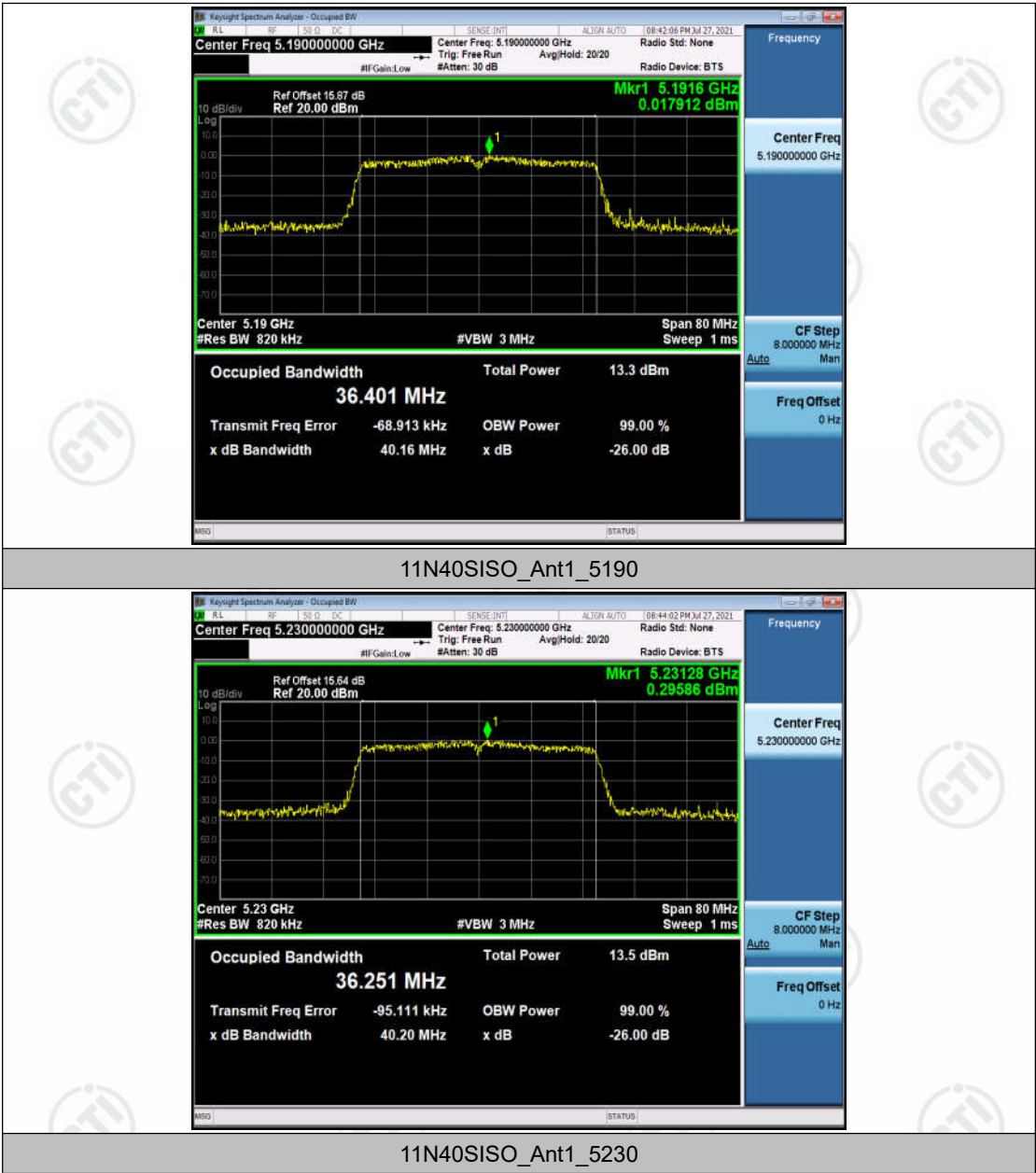


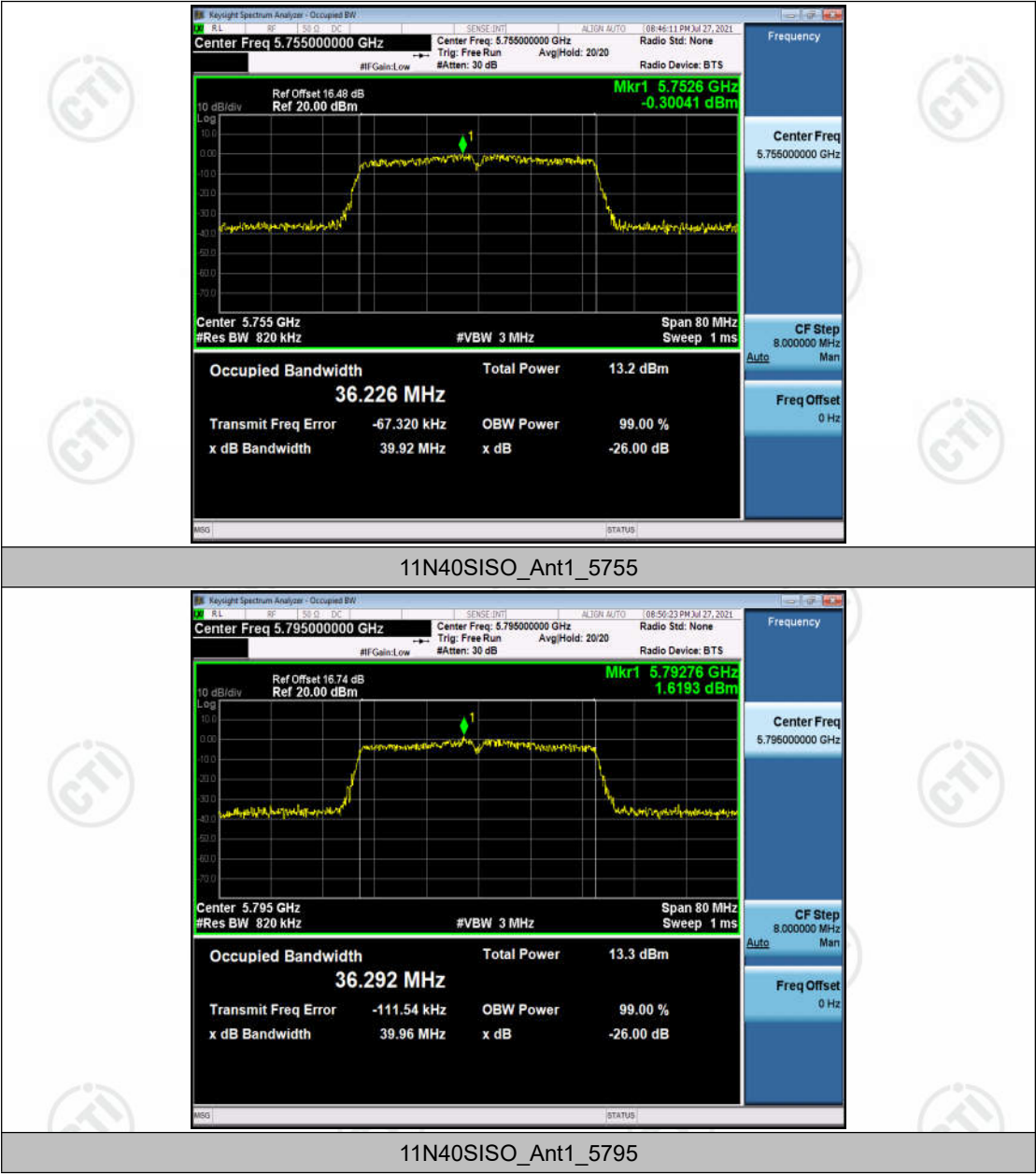


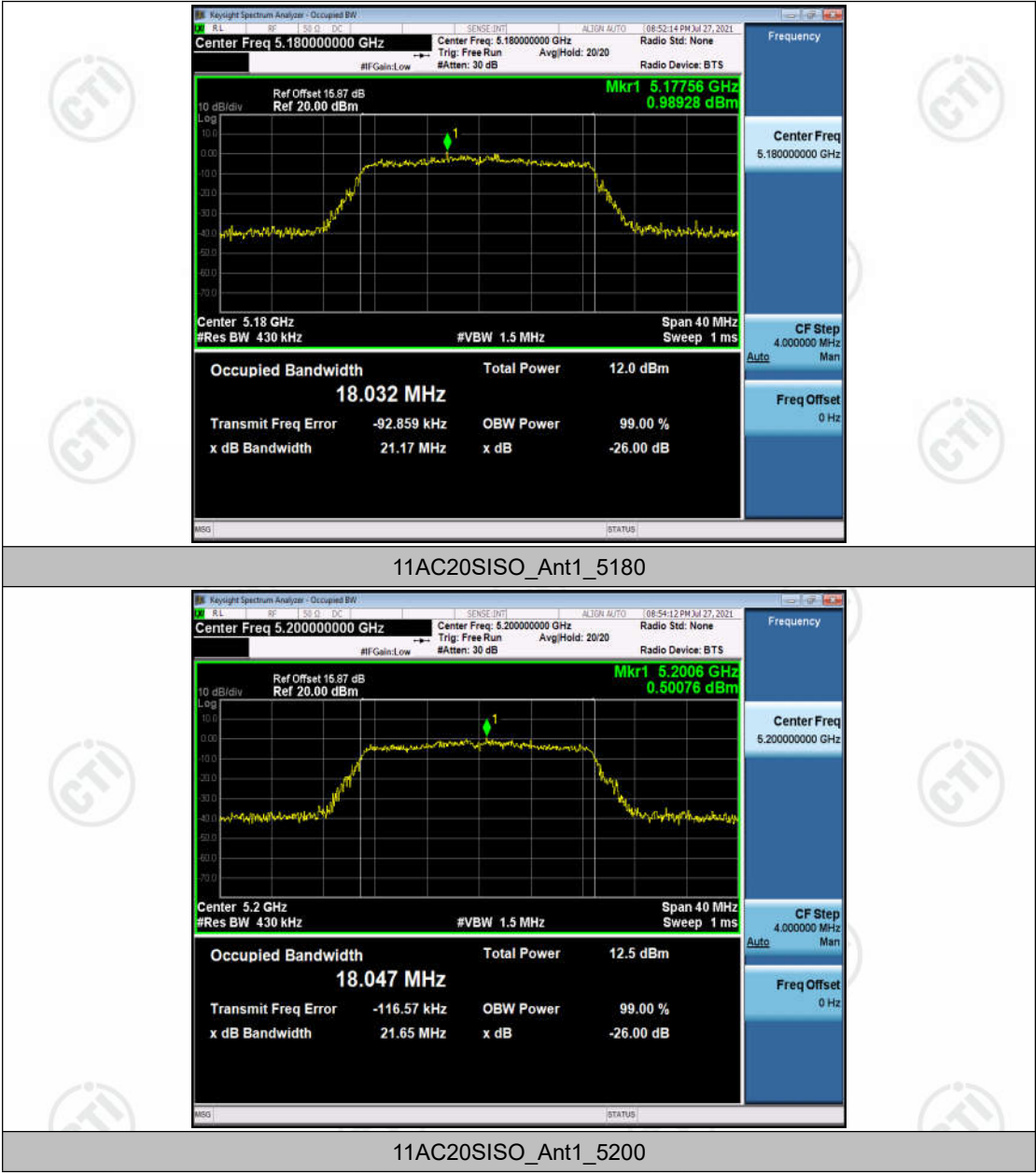


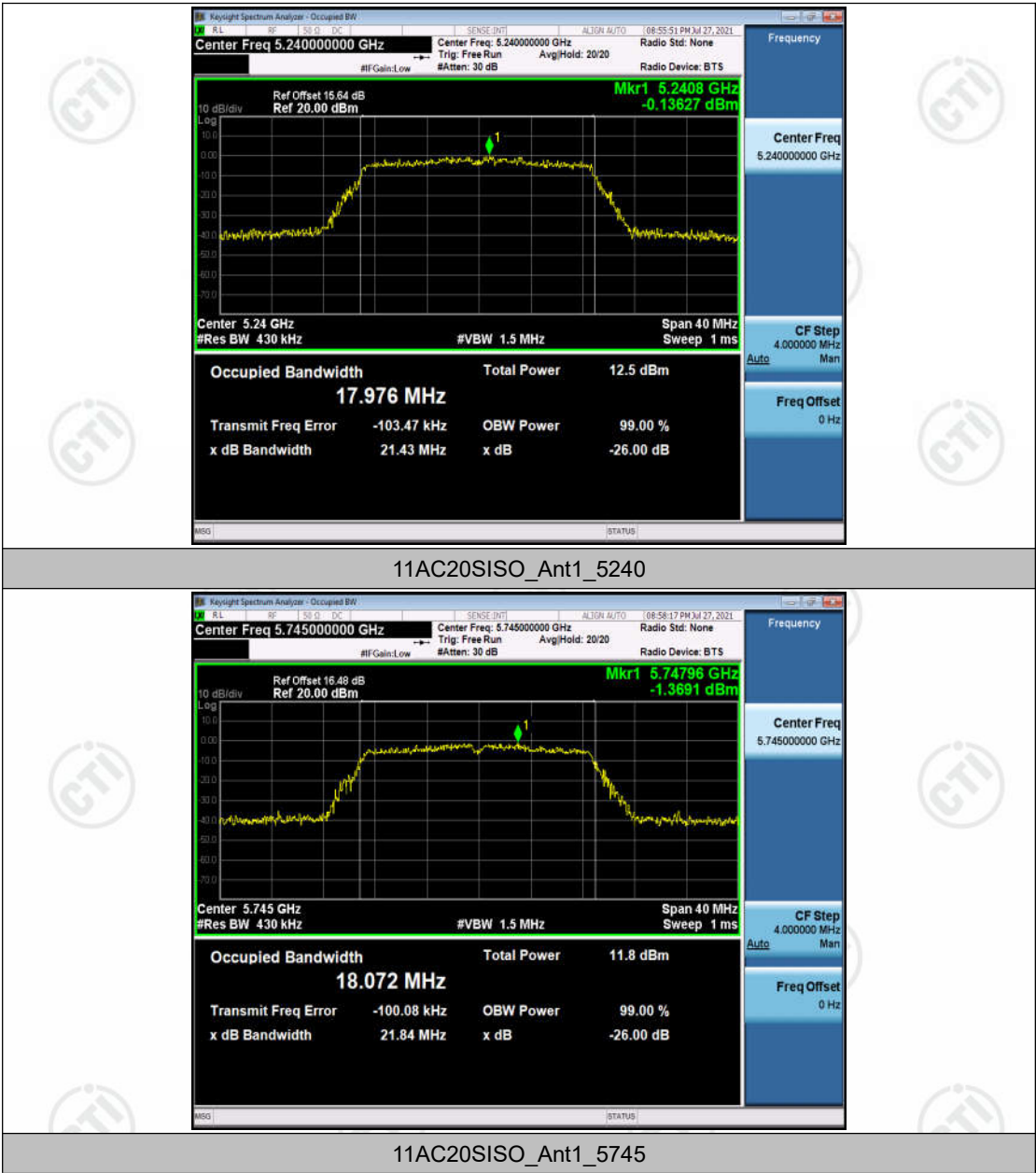


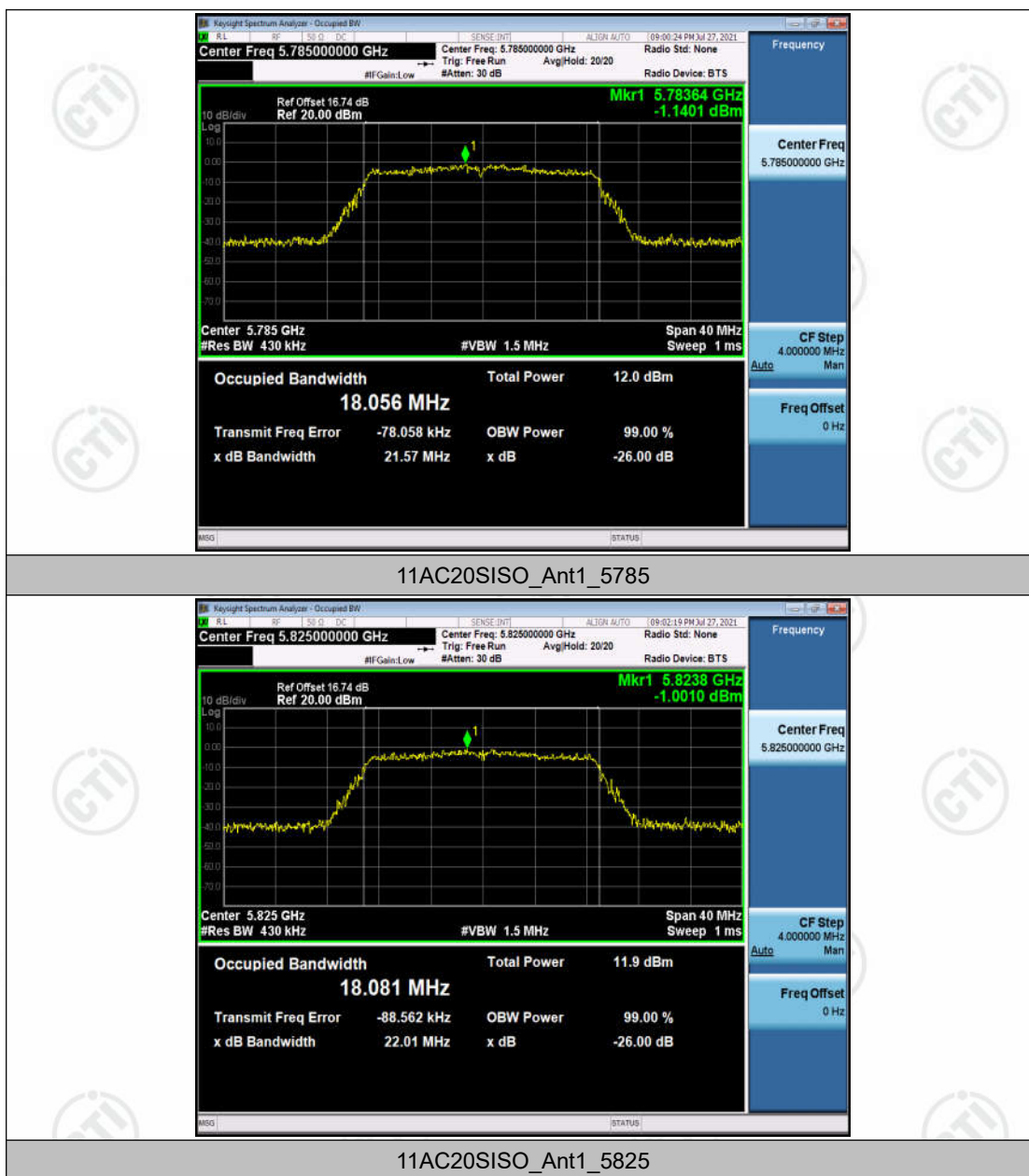


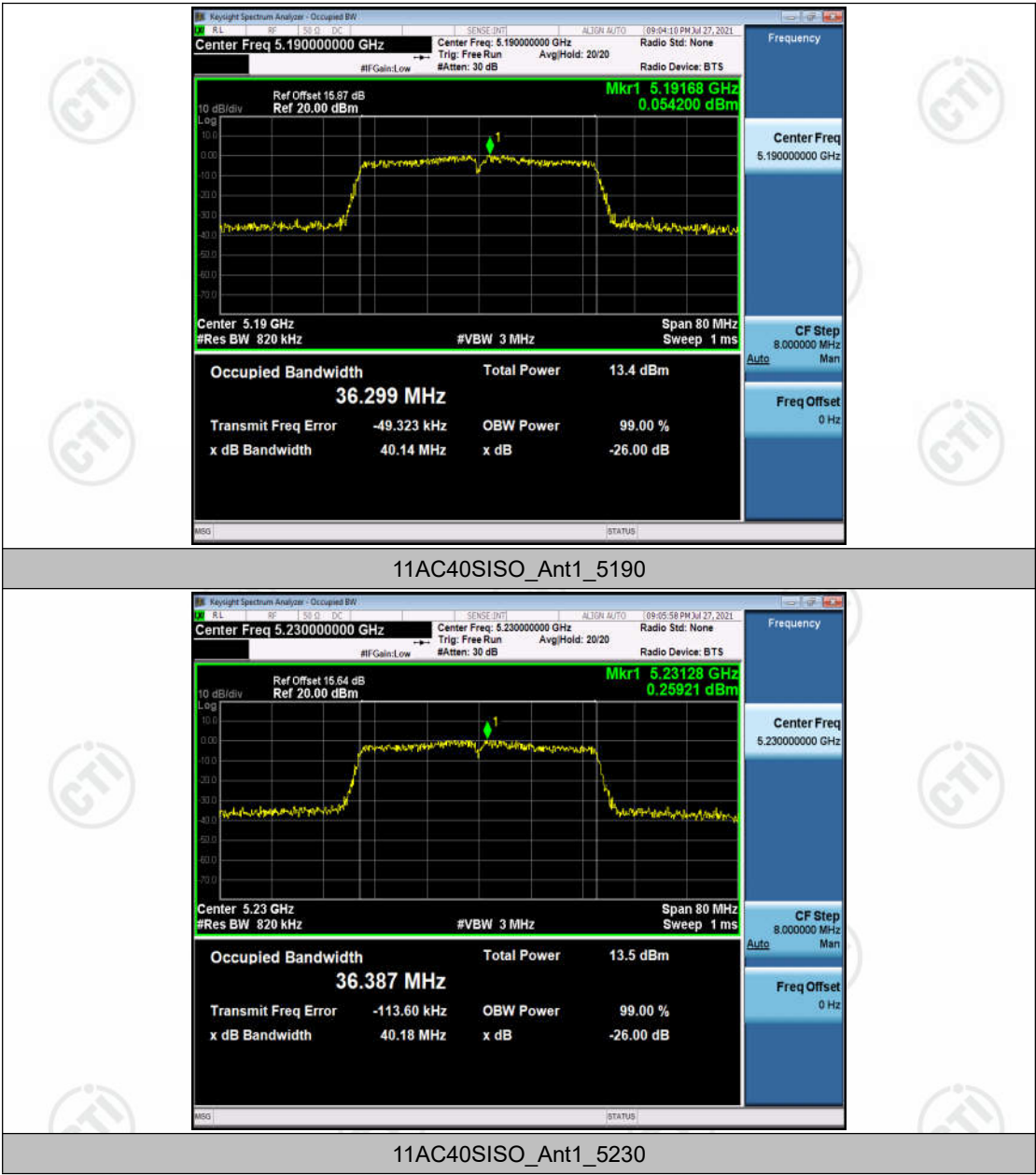


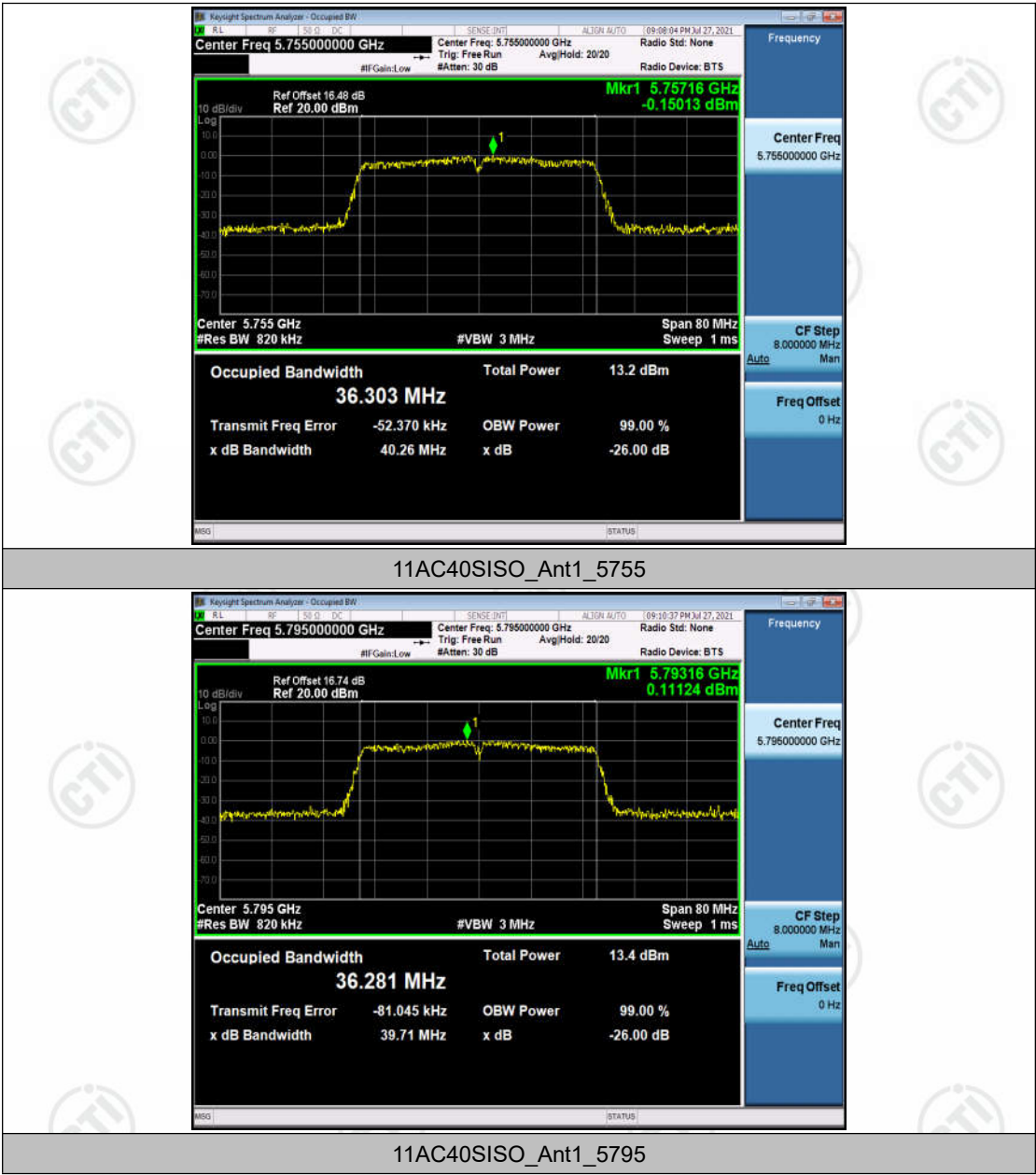


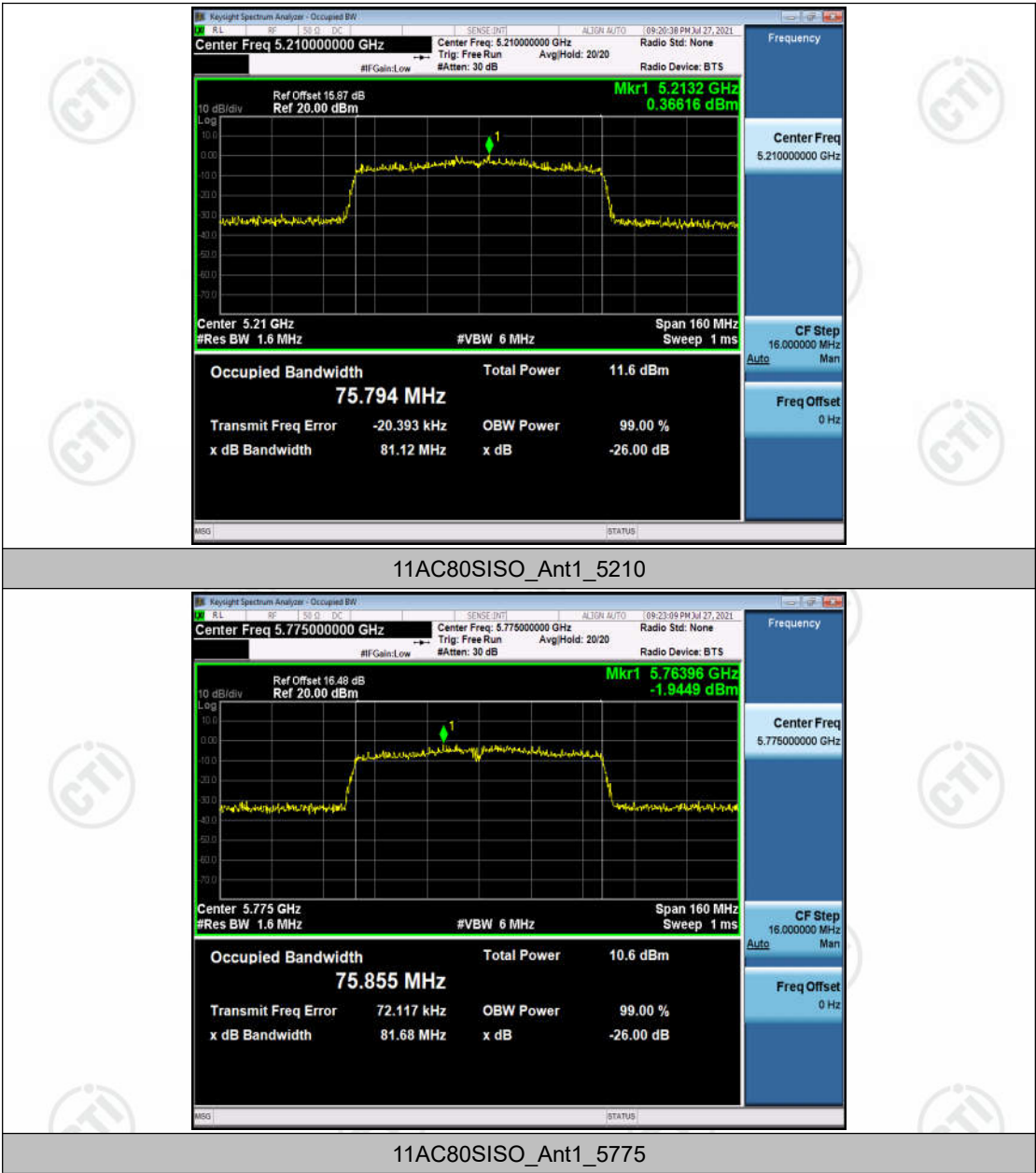










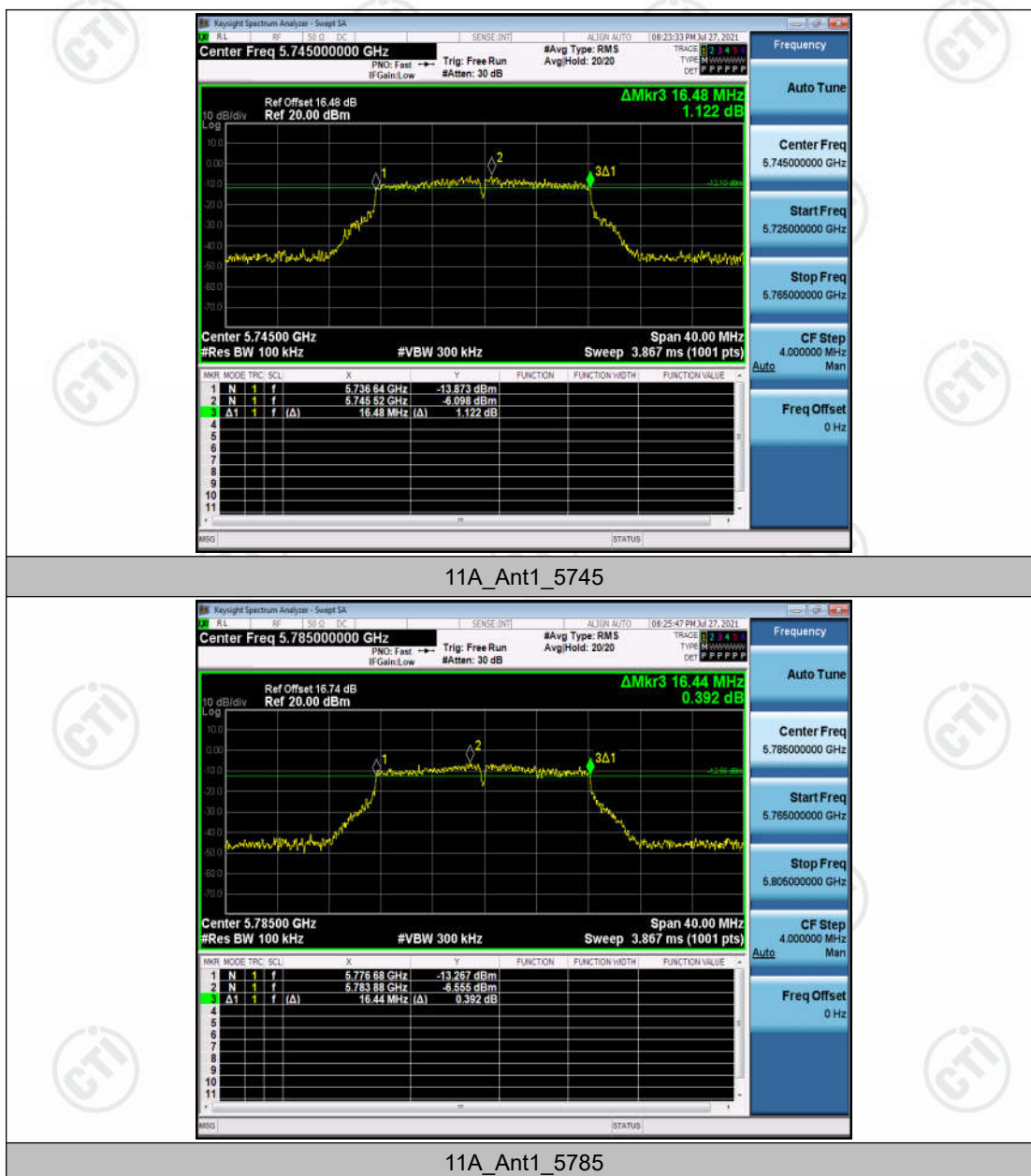


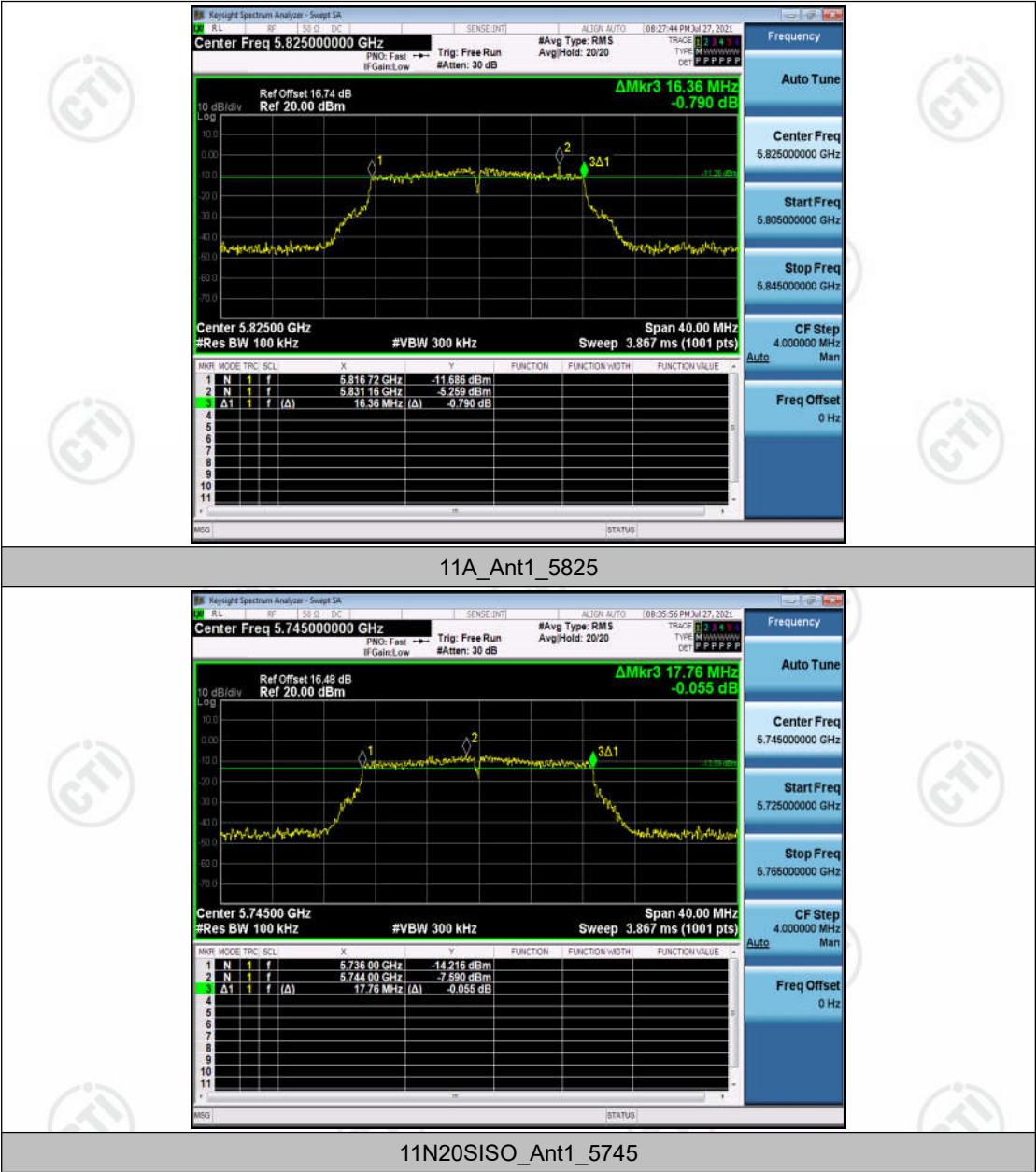
Appendix A3: Min emission bandwidth

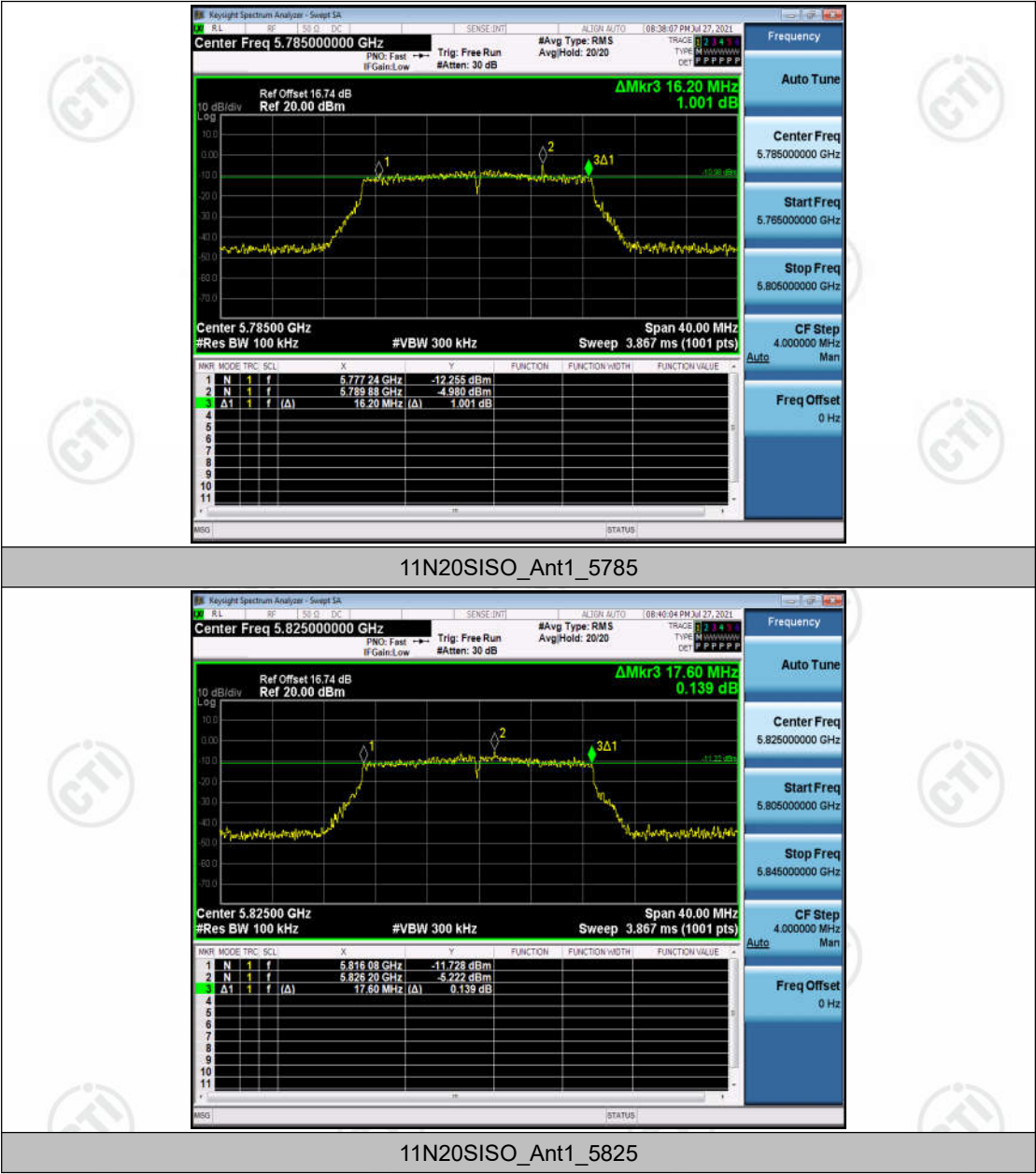
Test Result

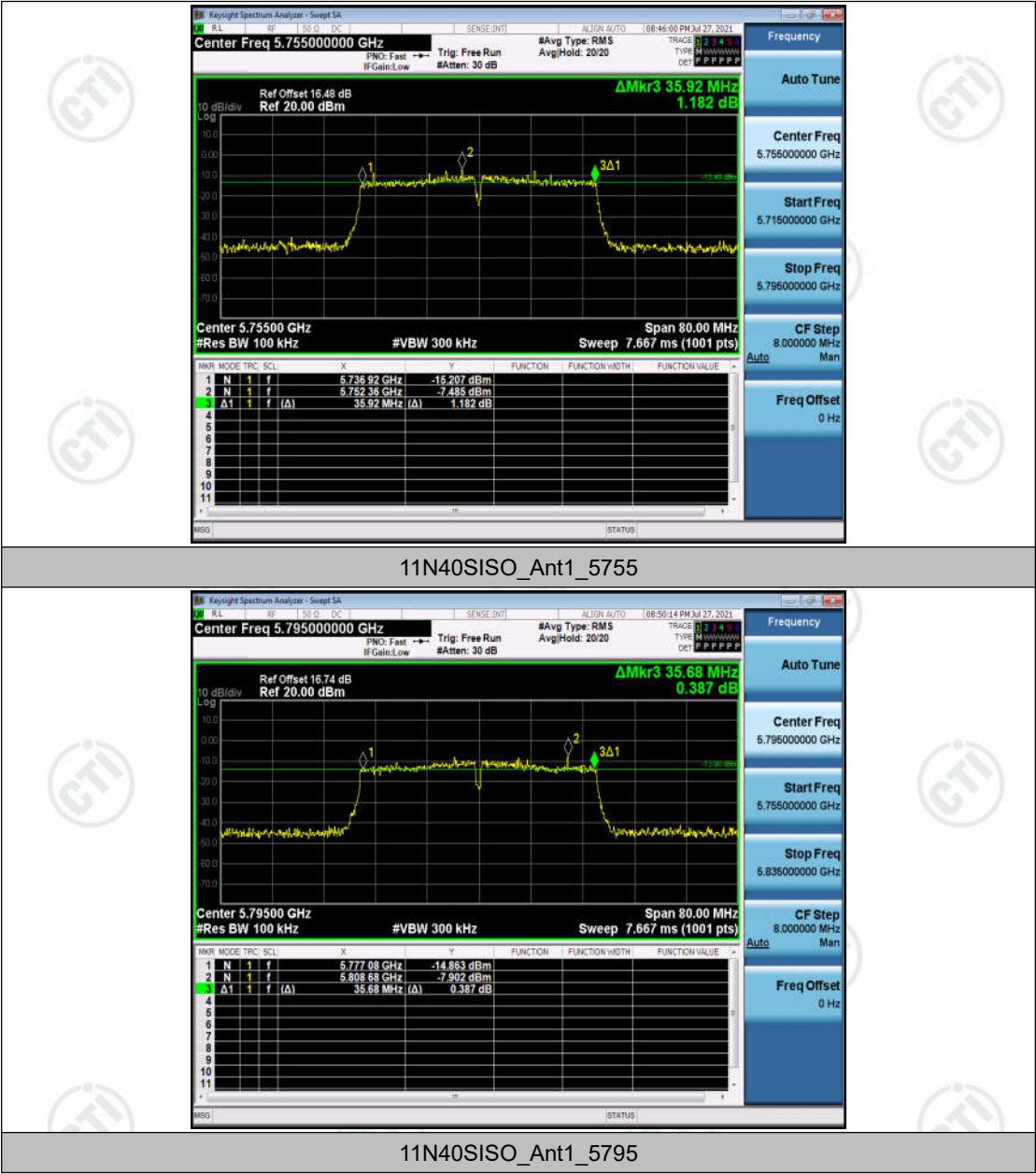
Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.480	5736.640	5753.120	0.5	PASS
		5785	16.440	5776.680	5793.120	0.5	PASS
		5825	16.360	5816.720	5833.080	0.5	PASS
11N20SISO	Ant1	5745	17.760	5736.000	5753.760	0.5	PASS
		5785	16.200	5777.240	5793.440	0.5	PASS
		5825	17.600	5816.080	5833.680	0.5	PASS
11N40SISO	Ant1	5755	35.920	5736.920	5772.840	0.5	PASS
		5795	35.680	5777.080	5812.760	0.5	PASS
11AC20SISO	Ant1	5745	17.760	5736.040	5753.800	0.5	PASS
		5785	17.600	5776.080	5793.680	0.5	PASS
		5825	17.720	5816.040	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.240	5736.920	5773.160	0.5	PASS
		5795	35.600	5776.920	5812.520	0.5	PASS
11AC80SISO	Ant1	5775	74.080	5738.520	5812.600	0.5	PASS

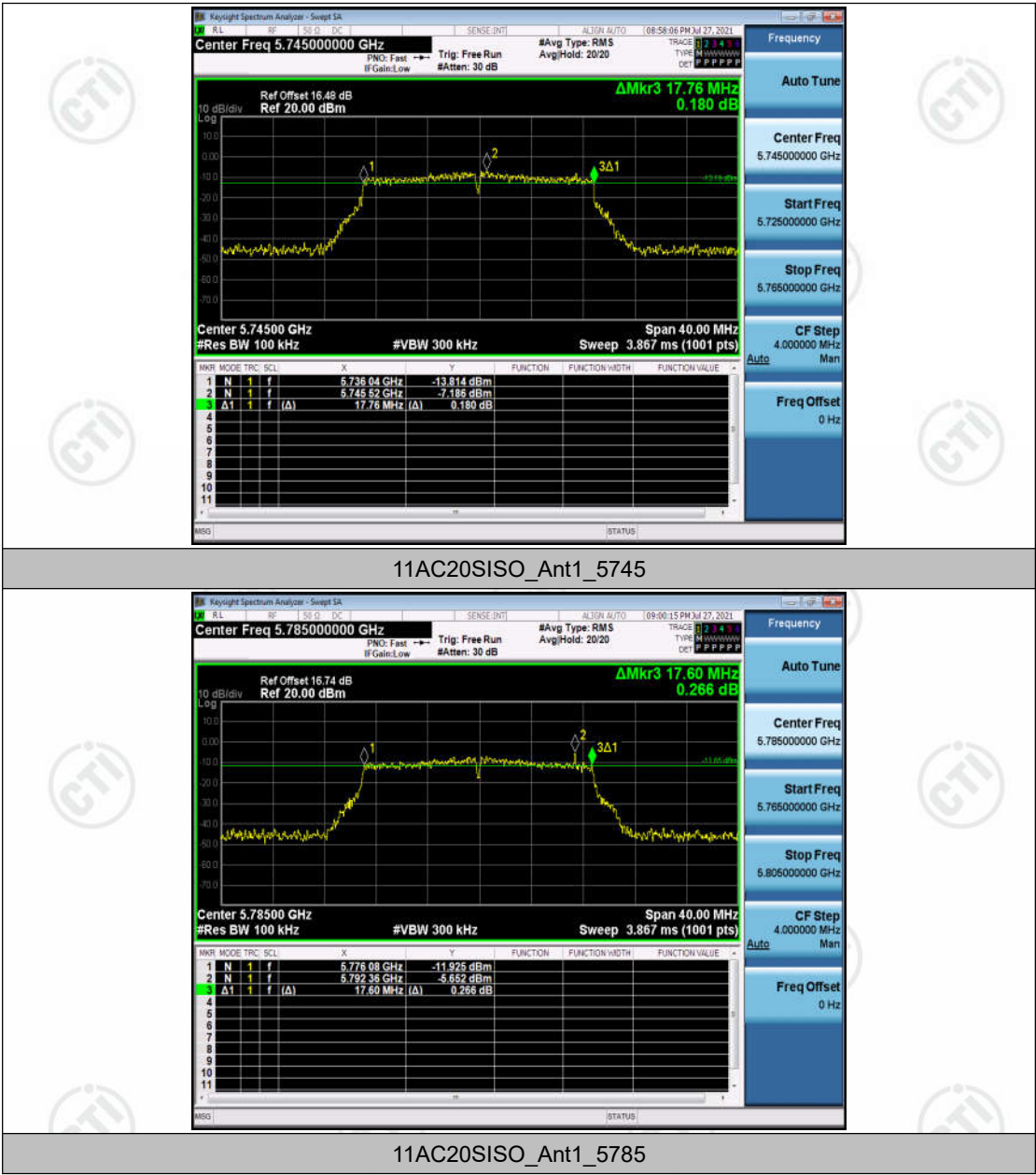
Test Graphs

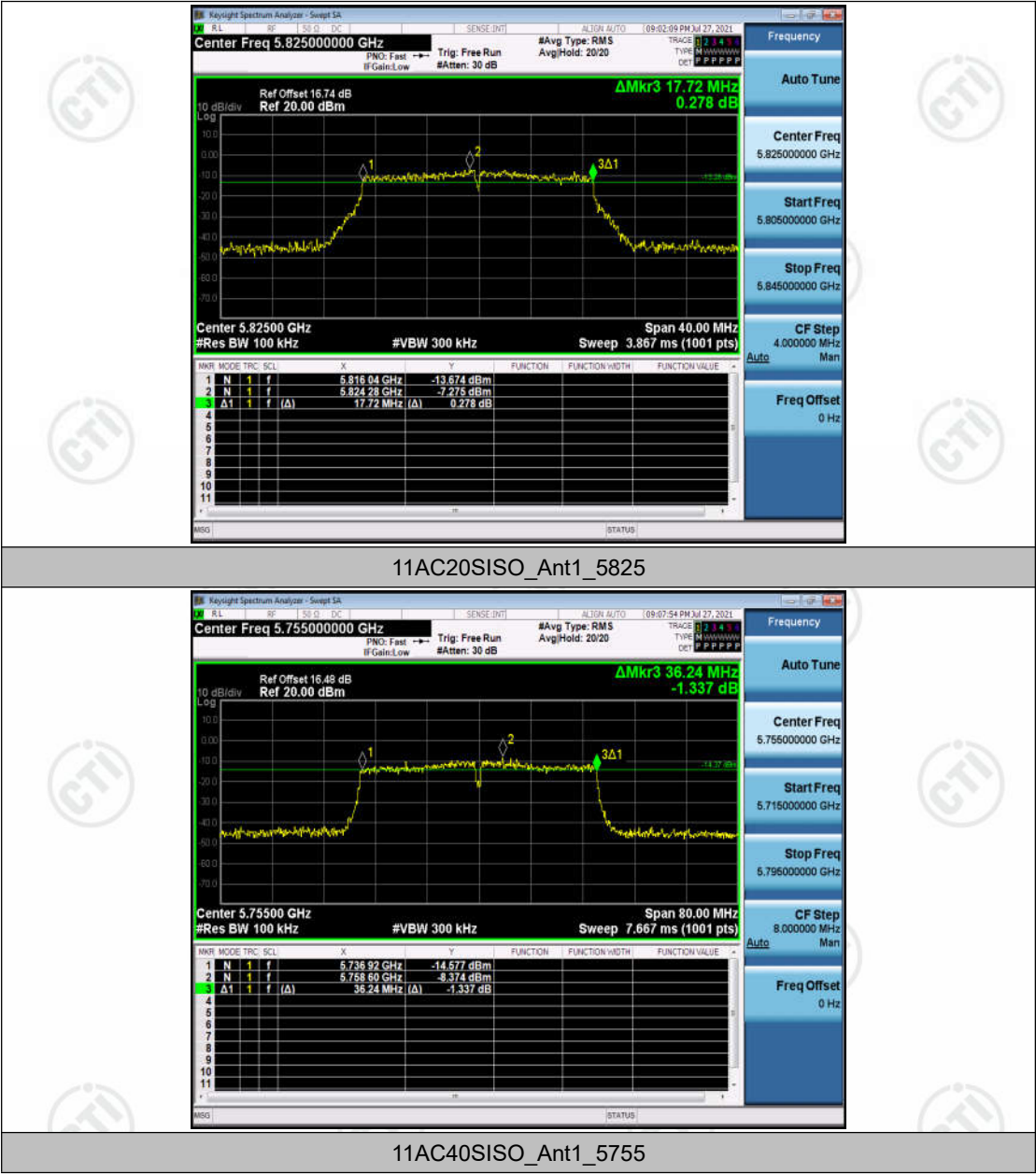


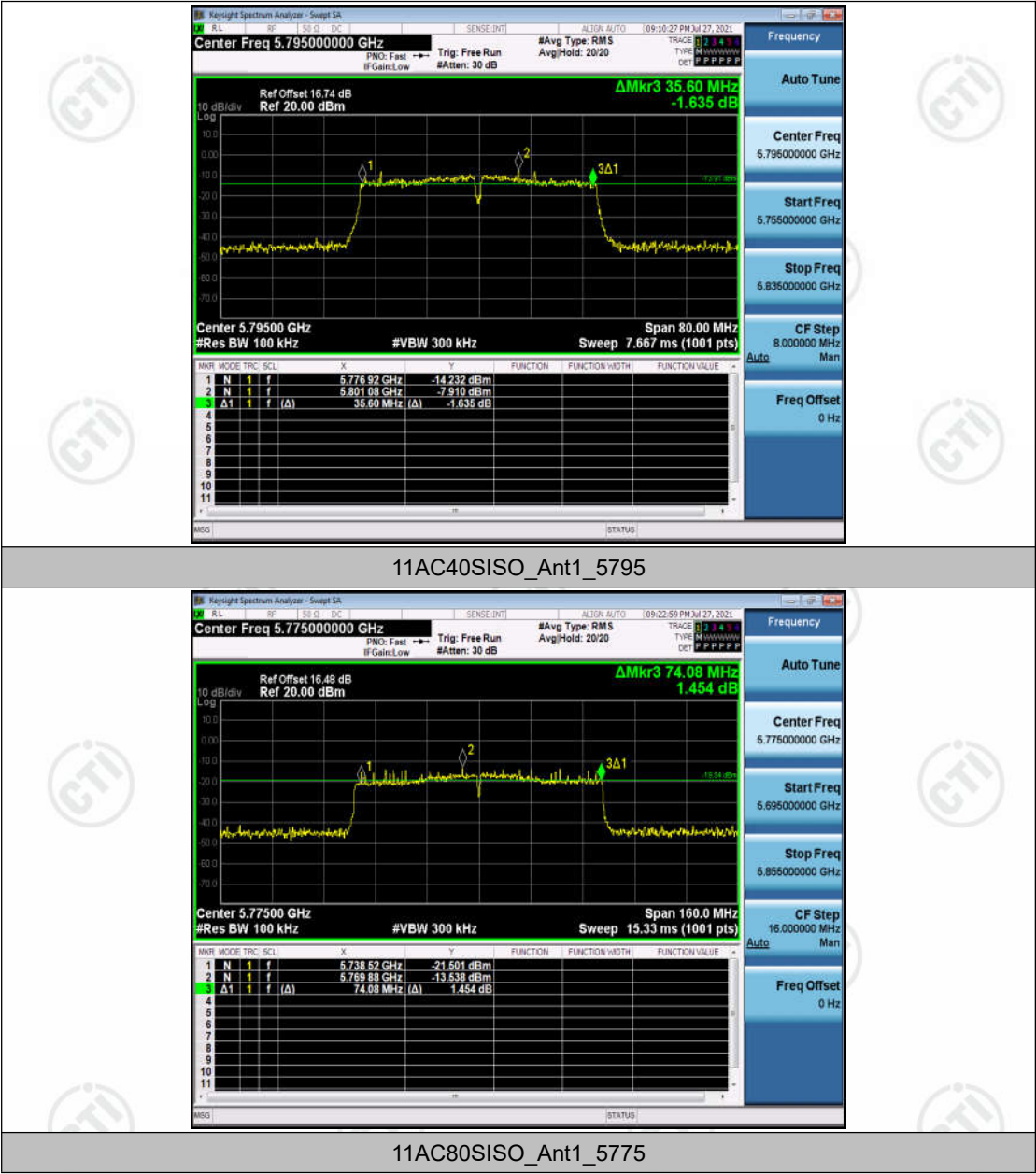












Appendix B: Maximum conducted output power**Test Result**

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	8.06	≤ 23.63	PASS
		5200	8.24	≤ 23.63	PASS
		5240	8.19	≤ 23.63	PASS
		5745	8.29	≤ 29.65	PASS
		5785	8.19	≤ 29.65	PASS
		5825	8.32	≤ 29.65	PASS
11N20SISO	Ant1	5180	7.40	≤ 23.63	PASS
		5200	7.76	≤ 23.63	PASS
		5240	7.80	≤ 23.63	PASS
		5745	7.24	≤ 29.65	PASS
		5785	7.32	≤ 29.65	PASS
		5825	7.06	≤ 29.65	PASS
11N40SISO	Ant1	5190	7.78	≤ 23.63	PASS
		5230	8.11	≤ 23.63	PASS
		5755	7.66	≤ 29.65	PASS
		5795	7.85	≤ 29.65	PASS
11AC20SISO	Ant1	5180	7.51	≤ 23.63	PASS
		5200	7.77	≤ 23.63	PASS
		5240	7.66	≤ 23.63	PASS
		5745	7.21	≤ 29.65	PASS
		5785	7.63	≤ 29.65	PASS
		5825	7.22	≤ 29.65	PASS
11AC40SISO	Ant1	5190	7.79	≤ 23.63	PASS
		5230	8.18	≤ 23.63	PASS
		5755	7.82	≤ 29.65	PASS
		5795	7.89	≤ 29.65	PASS
11AC80SISO	Ant1	5210	5.58	≤ 23.63	PASS
		5775	4.49	≤ 29.65	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs

